SINETIC
Advanced Industrial Computer Technology

Industrial Monitor
Product Catalogue
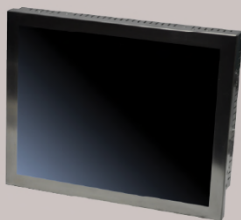### Vol.20

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Company Profile

Introduction

Established in 1997, SINETIC Technologies Pte Ltd operates globally through various distribution, resellers and system integrators. With our highly dedicated team of engineers and technicians, SINETIC is dedicated to bring the most advanced Industrial Computer products and solutions in the marketplace to our valued customers globally.

All SINETIC products are designed and manufactured right down to detailed specifications required by our customers from various industries and for wide applications. SINETIC products have been proven effective in meeting the most demanding environments and out performs others in critical applications world-wide. It is this very quality that enables SINETIC to be able to partner with our customers to support them in their business growth.

The SINETIC Industrial Computer is widely used in the following applications and its related fields: Data acquisition, Petrochemical, Automation, Transportation, Military, Embedded, Server environment, analysing LAN/WAN and telecommunication signals. SINETIC's product ruggedness also allows it to function well in manufacturing facility, as well as in the medical field for diagnostics and in aerospace applications. All of this knowledge has allowed SINETIC to support our global partners with their OEM and ODM requirements as well. SINETIC with her Advanced Industrial Computer Technology is able to support any industry that require industrial PC products.

RoHS Directive

The RoHS Directive stands for "the restriction of the use of certain hazardous substances in electrical and electronic equipment". This Directive bans the placing on the EU market of new electrical and electronic equipment containing more than agreed levels of lead(Pb), cadmium(Cd), mercury(Hg), hexavalent chromium(Cr-VI), polybrominated biphenyl (PBB) and polybrominated diphenyl ether (PBDE) flame retardants.
The directive comes into force across Europe on July 1st 2006, from this date on all new electronic and electrical equipment manufactured for resale within Europe must meet the guidelines as set out by the directive, however the directive does reference a list of categories and exemptions to be considered by producers (refer to your local RoHS legislation for details).

SINETIC offers our full product line in compliance with the RoHS requirements per Directive 2002/95/EC. Before placing an order we suggest you to check the RoHS product availability web page or contact our sales office to obtain the latest availability information; orders of RoHS products will be accepted and processed only if the requested delivery date is compatible with the scheduled release date.

Product Category
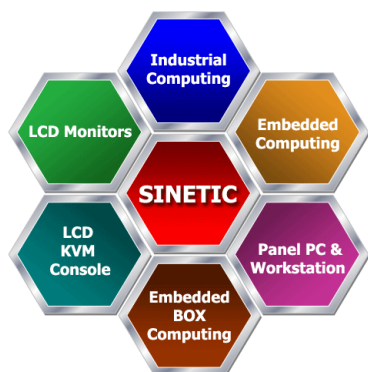
Product Line share
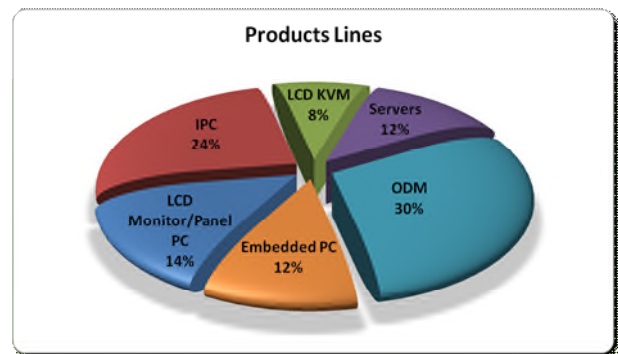
Our Vertical Markets

SINETIC has been supplying her products to the various Industrial vertical markets. This includes Defence, Medical, Transportation, Education, Security, Marine, Oil & Gas, Food, Retail, RFID, Server Management, Utilities, Gaming.

Our Solution and Services

SINETIC is continually striving to assist our customers with their diversified demands and requirements. We take our strength in Preconfigured systems, customised System Integration and solution.

ODM/OEM Services

For special Project and designs, we provide ODM and OEM services to our customer all year round.

OEM

We supply preconfigured systems, custom systems and integration services to products designed, developed or marketed by SINETIC for resale under customer own brand name.

ODM

We manufacture and supply products and systems that are designed by our customers.
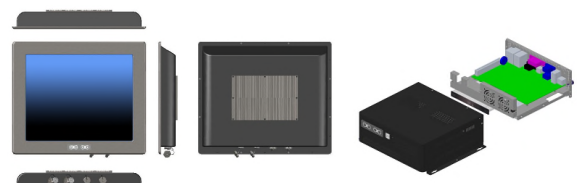
PANEL MOUNT MONITOR

I-View PM-084R3

Industrial 8.4" TFT Panel Mount LCD Monitor with optional Resistive Touch Screen or Anti Reflective Glass Protection

FEATURES

- 8.4" TFT LCD Panel Display
- High MTBF Backlight up to 30000/50000hrs@ 25°C
- Input Interface: VGA/DVI
- Front Bezel Compliant with IP65 sealing
- Front Bezel Aluminium and Chassis Steel Material
- Mounting Options: Panel Mount or VESA Wall Mount
- Power Input: 12V DC Input, 48W AC/DC Power Adapter
- Optional Resistive 5 wire Touch screen or Anti Reflective Glass Protection

Introduction

I-View PM-084R3R3 Industrial Panel Mount TFT LCD Monitor with optional Resistive Touch screen or Anti- Reflective Glass Protection. I-View PM-084R3R3 offer two different types of input options for different applications.

I-View PM-084R3R3 is ideal for developing KIOSK, Industrial Test Equipment, Industrial Control systems, Hospital Display, Marine, Defence and ATMs

Specification

LCD

| Model	PM-084R3R3	PM-084R3HR3
LCD Size	8.4"	
Resolution	800x600 (SVGA)	640 x 480 (VGA)
Brightness	250 cd/m^2	450 cd/m^2
Contrast Ratio	600:1	
Viewing Angle	160/140	
Backlight	LED	
Backlight MTBF	30000Hrs	50000Hrs
LCD Color	262K	
Pixel Pitch (mm)	0.213	
Front Frame Material	Aluminium	
Chassis	Steel	
OSD Function	Yes	
Mounting	Panel Mount/VESA	
Colour	Black	

Input Interface

Input Signal	VGA/DVI

Touch screen

Touch screen Type	5 Wire Resistive
Touch screen Controller	USB/RS-232

Power Requirement

DC Input	12V
Power Supply	48W AC/DC Power Adapter

Mechanical & Environment

Dimension	255(W) x 213(H) x 57.8(D) mm
Weight	Gross 2.5kg
Operation temperature	0°C to 60°C (32° F to 140° F)
Storage temperature	-20°C to 80°C (-68° F to 176° F)
Relative humidity	5% to 95% (Non-Condensing)
Vibration	5-17Hz 0.1" double amplitude displacement 17-640Hz 1.5G Acceleration peak to peak
Shock	10G acceleration peak to peak (11ms)
Front Bezel protection	IP65 Compliant

Ordering Information

PM-084R3D1B-C100	Industrial 8.4" TFT 250cd/m^2 Panel Mount LCD Monitor with Anti- Reflective Glass Protection/VGA/DVI Input
PM-084R3D1B-C101	Industrial 8.4" TFT 250cd/m^2 Panel Mount LCD Monitor with 5-Wire Resistive Touch Screen (USB)/VGA/DVI Input
PM-084R3D1B-C102	Industrial 8.4" TFT 250cd/m^2 Panel Mount LCD Monitor with 5-Wire Resistive Touch Screen (RS-232)/VGA/DVI Input
PM-084R3HD1B-C100	Industrial 8.4" TFT 450cd/m^2 Panel Mount LCD Monitor with Anti- Reflective Glass Protection/VGA/DVI Input
PM-084R3HD1B-C101	Industrial 8.4" TFT 450cd/m^2 Panel Mount LCD Monitor with 5-Wire Resistive Touch Screen (USB)/VGA/DVI Input
PM-084R3HD1B-C102	Industrial 8.4" TFT 450cd/m^2 Panel Mount LCD Monitor with 5-Wire Resistive Touch Screen (RS-232)/VGA/DVI Input

Dimension

221.0
57.8
213.0
179.0
255.0

I-View PM-104R3

Industrial 10.4" TFT Panel Mount LCD Monitor with optional Resistive Touch Screen or Anti Reflective Glass Protection

FEATURES

- 10.4" TFT LCD Panel Display
- High MTBF Backlight up to 50000hrs@ 25ºC
- Input Interface: VGA/DVI
- Front Bezel Compliant with IP65 sealing
- Front Bezel Aluminium and Chassis Steel Material
- Mounting Options: Panel Mount or VESA Wall Mount
- Power Input: 12V DC Input, 48W AC/DC Power Adapter
- Optional Resistive 5 wire Touch screen or Anti Reflective Glass Protection

Dimension

Introduction

I-View PM-104R3 Industrial Panel Mount TFT LCD Monitor with optional Resistive Touch screen or Anti- Reflective Glass Protection. I-View PM-104R3 offer two different types of input options for different applications.

I-View PM-104R3 is ideal for developing KIOSK, Industrial Test Equipment, Industrial Control systems, Hospital Display, Marine, Defence and ATMs
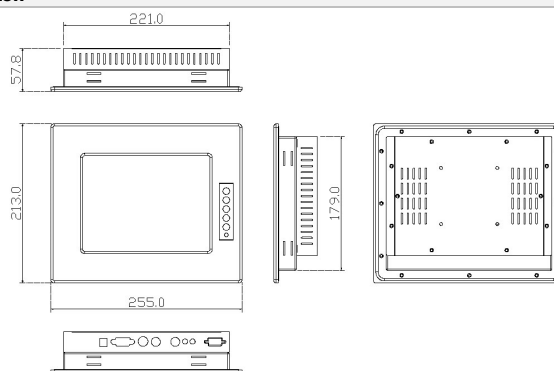
Specification

LCD			
Model	**PM-104SR3**	**PM-104R3**	**PM-104HRR3**
LCD Size	10.4"		
Resolution	640 x 480	800 x 600	1024 x 768
Brightness	450 cd/m^2	400 cd/m^2	470 cd/m^2
Contrast Ratio	700:1	700:1	3000:1
Viewing Angle	160/140	160/130	178/178
Backlight	LED	LED	LED
Backlight MTBF	50000Hrs	70000Hrs	80000Hrs
LCD Color	16.2M./ 262K	16.2M./ 262K	16.2M./ 262K
Pixel Pitch (mm)	0.33	0.264	0.2055
Front Frame Material	Aluminium		
Chassis	Steel		
OSD Function	Yes		
Mounting	Panel Mount/VESA		
Colour	Black		
Input Interface			
Input Signal	VGA/DVI		
Touch screen			
Touch screen Type	5 Wire Resistive		
Touch screen Controller	USB/RS-232		
Power Requirement			
DC Input	12V		
Power Supply	48W AC/DC Power Adapter		
Mechanical & Environment			
Dimension	286(W) x 233(H) x 57.8(D) mm		
Weight	Gross 3kg		
Operation temperature	0°C to 60°C (32° F to 140° F)		
Storage temperature	-20°C to 80°C (-68° F to 176° F)		
Relative humidity	5% to 95% (Non-Condensing)		
Vibration	5-17Hz 0.1" double amplitude displacement 17-640Hz 1.5G Acceleration peak to peak		
Shock	10G acceleration peak to peak (11ms)		
Front Bezel protection	IP65 Compliant		
Ordering Information			
PM-104SR3D1B-C100	Industrial 10.4" TFT 450cd/m^2 Panel Mount LCD Monitor with Anti- Reflective Glass Protection/VGA/DVI Input		
PM-104SR3D1B-C101	Industrial 10.4" TFT 450cd/m^2 Panel Mount LCD Monitor with 5-Wire Resistive Touch Screen (USB)/VGA/DVI Input		
PM-104SR3D1B-C102	Industrial 10.4" TFT 450cd/m^2 Panel Mount LCD Monitor with 5-Wire Resistive Touch Screen (RS-232)/VGA/DVI Input		
PM-104R3D1B-C100	Industrial 10.4" TFT 400cd/m^2 Panel Mount LCD Monitor with Anti- Reflective Glass Protection/VGA/DVI Input		
PM-104R3D1B-C101	Industrial 10.4" TFT 400cd/m^2 Panel Mount LCD Monitor with 5-Wire Resistive Touch Screen (USB)/VGA/DVI Input		
PM-104R3D1B-C102	Industrial 10.4" TFT 400cd/m^2 Panel Mount LCD Monitor with 5-Wire Resistive Touch Screen (RS-232)/VGA/DVI Input		
PM-104HRR3D1B-C100	Industrial 10.4" TFT 470cd/m^2 Panel Mount LCD Monitor with Anti- Reflective Glass Protection/VGA/DVI Input		
PM-104HRR3D1B-C101	Industrial 10.4" TFT 470cd/m^2 Panel Mount LCD Monitor with 5-Wire Resistive Touch Screen (USB)/VGA/DVI Input		
PM-104HRR3D1B-C102	Industrial 10.4" TFT 470cd/m^2 Panel Mount LCD Monitor with 5-Wire Resistive Touch Screen (RS-232)/VGA/DVI Input		

I-View PM-121R3

FEATURES

- 12.1" TFT LCD Panel Display
- High MTBF Backlight up to 30000hrs@ 25°C
- Input Interface: VGA/DVI
- Front Bezel Compliant with IP65 sealing
- Front Bezel Aluminium and Chassis Steel Material
- Mounting Options: Panel Mount or VESA Wall Mount
- Power Input: 12V DC Input, 48W AC/DC Power Adapter
- Optional Resistive 5 wire Touch screen or Anti Reflective Glass Protection

Introduction

I-View PM-121R3 Industrial Panel Mount TFT LCD Monitor with optional Resistive Touch screen or Anti- Reflective Glass Protection. I-View PM-121R3 offer two different types of input options for different applications.

I-View PM-121R3 is ideal for developing KIOSK, Industrial Test Equipment, Industrial Control systems, Hospital Display, Marine, Defence and ATMs

Specification

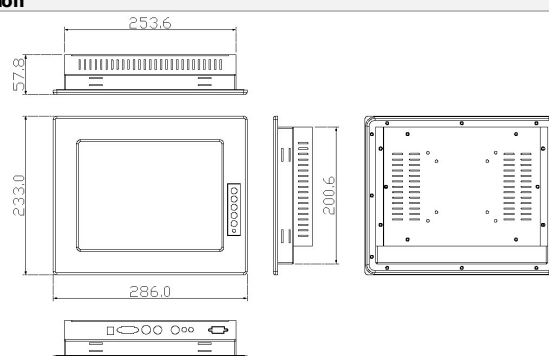| LCD	
Model	**PM-121R3**
LCD Size	12.1"
Resolution	800 x 600
Brightness	300 cd/m^2
Contrast Ratio	600:1
Viewing Angle	160/140
Backlight	LED
Backlight MTBF	30000Hrs
LCD Color	16.2M./ 262K
Pixel Pitch (mm)	0.3075
Front Frame Material	Aluminium
Chassis	Steel
OSD Function	Yes
Mounting	Panel Mount/VESA
Colour	Black
Input Interface	
Input Signal	VGA/DVI
Touch screen	
Touch screen Type	5 Wire Resistive
Touch screen Controller	USB/RS-232
Power Requirement	
DC Input	12V
Power Supply	48W AC/DC Power Adapter
Mechanical & Environment	
Dimension	323(W) x 262(H) x 57.8(D) mm
Weight	Gross 4kg
Operation temperature	0°C to 60°C (32° F to 140° F)
Storage temperature	-20°C to 80°C (-68° F to 176° F)
Relative humidity	5% to 95% (Non-Condensing)
Vibration	5-17Hz 0.1" double amplitude displacement 17-640Hz 1.5G Acceleration peak to peak
Shock	10G acceleration peak to peak (11ms)
Front Bezel protection	IP65 Compliant
Ordering Information	
PM-121R3D1B-C100	Industrial 12.1" TFT 300cd/m^2 Panel Mount LCD Monitor with Anti Reflective Glass Protection/VGA/DVI Input
PM-121R3D1B-C101	Industrial 12.1" TFT 300cd/m^2 Panel Mount LCD Monitor with 5-Wire Resistive Touch Screen (USB)/VGA/DVI Input
PM-121R3D1B-C102	Industrial 12.1" TFT 300cd/m^2 Panel Mount LCD Monitor with 5-Wire Resistive Touch Screen (RS-232)/VGA/DVI Input

Dimension

I-View PM-150R3

Industrial 15" TFT Panel Mount LCD Monitor with optional Resistive Touch Screen or Anti Reflective Glass Protection

FEATURES

- 15" TFT LCD Panel Display
- High MTBF Backlight up to 30000hrs@ 25ºC
- Input Interface: VGA/DVI
- Front Bezel Compliant with IP65 sealing
- Front Bezel Aluminium and Chassis Steel Material
- Mounting Options: Panel Mount or VESA Wall Mount
- Power Input: 12V DC Input, 48W AC/DC Power Adapter
- Optional Resistive 5 wire Touch screen or Anti Reflective Glass Protection
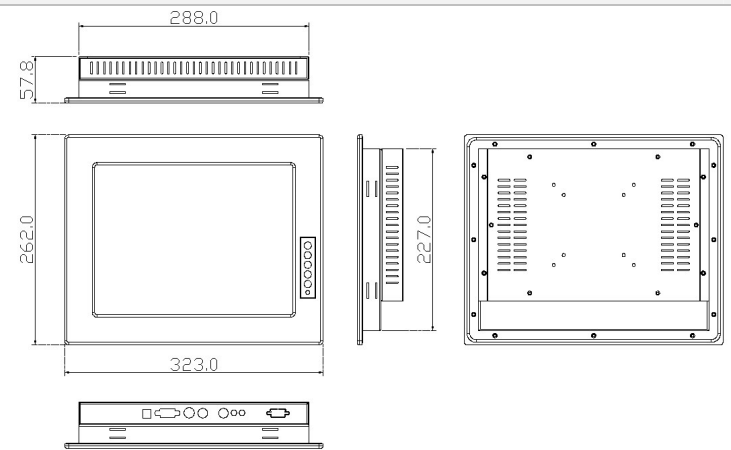
RoHS Compliance

CE FC

Introduction

I-View PM-150R3 Industrial Panel Mount TFT LCD Monitor with optional Resistive Touch screen or Anti-Reflective Glass Protection. I-View PM-150R3 offer three different types of input options for different applications.

I-View PM-150R3 is ideal for developing KIOSK, Industrial Test Equipment, Industrial Control systems, Hospital Display, Marine, Defence and ATMs

Dimension

Specification

LCD

Model	PM-150R3
LCD Size	15"
Resolution	1024 x 768 (XGA)
Brightness	350 cd/m2
Contrast Ratio	700:1
Viewing Angle	170/160
Backlight	LED
Backlight MTBF	30000Hrs
LCD Color	16.2M./ 262K
Pixel Pitch (mm)	0.297
Front Frame Material	Aluminium
Chassis	Steel
OSD Function	Yes
Mounting	Panel Mount/VESA
Colour	Black

Input Interface

Input Signal	VGA/DVI

Touch screen

Touch screen Type	5 Wire Resistive
Touch screen Controller	USB/RS-232

Power Requirement

DC Input	12V
Power Supply	48W AC/DC Power Adapter

Mechanical & Environment

Dimension	379(W) x 303(H) x 57.8(D) mm
Weight	Gross 5kg
Operation temperature	0°C to 60°C (32° F to 140° F)
Storage temperature	-20°C to 80°C (-68° F to 176° F)
Relative humidity	5% to 95% (Non-Condensing)
Vibration	5-17Hz 0.1" double amplitude displacement 17-640Hz 1.5G Acceleration peak to peak
Shock	10G acceleration peak to peak (11ms)
Front Bezel protection	IP65 Compliant

Ordering Information

PM-150R3D1B-C100	Industrial 15" TFT 350cd/m^2 Panel Mount LCD Monitor with Anti Reflective Glass Protection/VGA/DVI Input
PM-150R3D1B-C101	Industrial 15" TFT 250cd/m^2 Panel Mount LCD Monitor with 5-Wire Resistive Touch Screen (USB)/VGA/DVI Input
PM-150R3D1B-C102	Industrial 15" TFT 350cd/m^2 Panel Mount LCD Monitor with 5-Wire Resistive Touch Screen (RS-232)/VGA/DVI Input
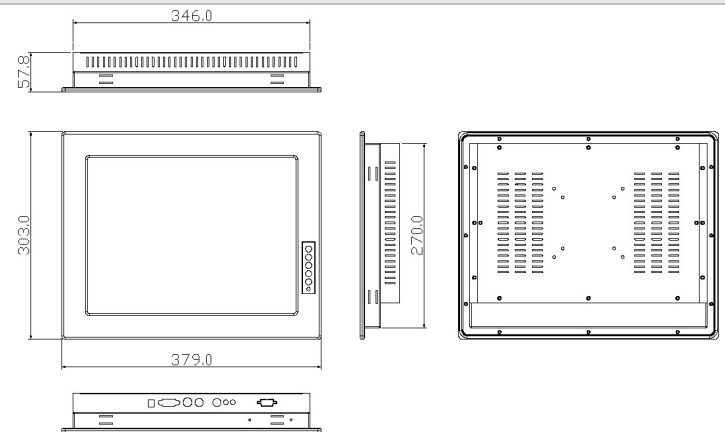
I-View PM-170R3

Industrial 17" TFT Panel Mount LCD Monitor with optional Resistive Touch Screen or Anti Reflective Glass Protection

FEATURES

- 17" TFT LCD Panel Display
- High MTBF Backlight up to 50000hrs@ 25°C
- Input Interface: VGA/DVI
- Front Bezel Compliant with IP65 sealing
- Front Bezel Aluminium and Chassis Steel Material
- Mounting Options: Panel Mount or VESA Wall Mount
- Power Input: 12V DC Input, 48W AC/DC Power Adapter
- Optional Resistive 5 wire Touch screen or Anti Reflective Glass Protection

Introduction

I-View PM-170R3 Industrial Panel Mount TFT LCD Monitor with optional Resistive Touch screen or Anti-Reflective Glass Protection. I-View PM-170D3 offer two different types of input options for different applications.

I-View PM-170 is ideal for developing KIOSK, Industrial Test Equipment, Industrial Control systems, Hospital Display, Marine, Defence and ATMs

Specification

| LCD	
Model	**PM-170R3**
LCD Size	17"
Resolution	1280 x 1024
Brightness	350 cd/m2
Contrast Ratio	800:1
Viewing Angle	160/140
Backlight	LED
Backlight MTBF	50000Hrs
LCD Color	16.7M
Pixel Pitch (mm)	0.264
Front Frame Material	Aluminium
Chassis	Steel
OSD Function	Yes
Mounting	Panel Mount/VESA
Colour	Black/Silver
Input Interface	
Input Signal	VGA/DVI
Touch screen	
Touch screen Type	5 Wire Resistive
Touch screen Controller	USB/RS-232
Power Requirement	
DC Input	12V
Power Supply	48W AC/DC Power Adapter
Mechanical & Environment	
Dimension	412(W) x 345(H) x 62.8(D) mm
Weight	Gross 6kg
Operation temperature	0°C to 60°C (32° F to 140° F)
Storage temperature	-20°C to 80°C (-68° F to 176° F)
Relative humidity	5% to 95% (Non-Condensing)
Vibration	5-17Hz 0.1" double amplitude displacement 17-640Hz 1.5G Acceleration peak to peak
Shock	10G acceleration peak to peak (11ms)
Front Bezel protection	IP65 Compliant
Ordering Information	
PM-170R3D1B-C100	Industrial 17" TFT 350cd/m² Panel Mount LCD Monitor with Anti Reflective Glass Protection/VGA/DVI Input
PM-170R3D1B-C101	Industrial 17" TFT 350cd/m² Panel Mount LCD Monitor with 5-Wire Resistive Touch Screen (USB)/VGA/DVI Input
PM-170R3D1B-C102	Industrial 17" TFT 350cd/m² Panel Mount LCD Monitor with 5-Wire Resistive Touch Screen (RS-232)/VGA/DVI Input

Dimension

I-View PM-190R3

FEATURES

- 19" TFT LCD Panel Display
- High MTBF Backlight up to 50000hrs@ 25ºC
- Input Interface: VGA/DVI
- Front Bezel Compliant with IP65 sealing
- Front Bezel Aluminium and Chassis Steel Material
- Mounting Options: Panel Mount or VESA Wall Mount
- Power Input: 12V DC Input, 48W AC/DC Power Adapter
- Optional Resistive 5 wire Touch screen or Anti Reflective Glass Protection
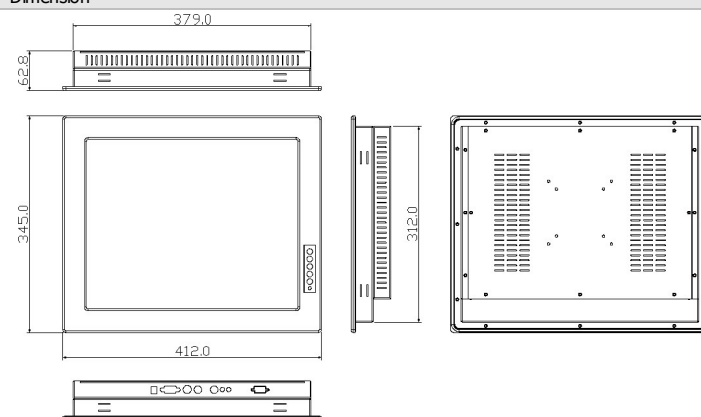
Introduction

I-View PM-190R3 Industrial Panel Mount TFT LCD Monitor with optional Resistive Touch screen or Anti-Reflective Glass Protection. I-View PM-190R3 offer two different types of input options for different applications.

I-View PM-190R3 is ideal for developing KIOSK, Industrial Test Equipment, Industrial Control systems, Hospital Display , Marine, Defence and ATMs

Dimension

Specification

LCD

Model	PM-190R3
LCD Size	19"
Resolution	1280 x 1024
Brightness	350 cd/m^2
Contrast Ratio	2000:1
Viewing Angle	178/178
Backlight	LED
Backlight MTBF	50000Hrs
LCD Color	16.7M
Pixel Pitch (mm)	0.294
Front Frame Material	Aluminium
Chassis	Steel
OSD Function	Yes
Mounting	Panel Mount/VESA
Colour	Black/Silver

Input Interface

Input Signal	VGA/DVI

Touch screen

Touch screen Type	5 Wire Resistive
Touch screen Controller	USB/RS-232

Power Requirement

DC Input	12V
Power Supply	48W AC/DC Power Adapter

Mechanical & Environment

Dimension	451(W) x 376(H) x 60.8(D) mm
Weight	Gross 8kg
Operation temperature	0°C to 60°C (32° F to 140° F)
Storage temperature	-20°C to 80°C (-68° F to 176° F)
Relative humidity	5% to 95% (Non-Condensing)
Vibration	5-17Hz 0.1" double amplitude displacement 17-640Hz 1.5G Acceleration peak to peak
Shock	10G acceleration peak to peak (11ms)
Front Bezel protection	IP65 Compliant

Ordering Information

PM-190R3D1B-C100	Industrial 19" TFT 350cd/m^2 Panel Mount LCD Monitor with Anti Reflective Glass Protection/VGA/DVI Input
PM-190R3D1B-C101	Industrial 19" TFT 350cd/m^2 Panel Mount LCD Monitor with 5-Wire Resistive Touch Screen (USB)/VGA/DVI Input
PM-190R3D1B-C102	Industrial 19" TFT 350cd/m^2 Panel Mount LCD Monitor with 5-Wire Resistive Touch Screen (RS-232)/VGA/DVI Input

I-View PM-220R3

Industrial 22" TFT Panel Mount LCD Monitor with optional Resistive Touch Screen or Anti Reflective Glass Protection

FEATURES

- 22" TFT LCD Panel Display
- High MTBF Backlight up to 30000hrs@ 25°C
- Input Interface: VGA/DVI
- Front Bezel Compliant with IP65 sealing
- Front Bezel Aluminium and Chassis Steel Material
- Mounting Options: Panel Mount or VESA Wall Mount
- Power Input: 12V DC Input, 60W AC/DC Power Adapter
- Optional Resistive 5 wire Touch screen or Anti Reflective Glass Protection

Introduction

I-View PM-220R3 Industrial Panel Mount TFT LCD Monitor with optional Resistive Touch screen or Anti-Reflective Glass Protection. I-View PM-220R3 offer three different types of input options for different applications.

I-View PM-220R3 is ideal for developing KIOSK, Industrial Test Equipment, Industrial Control systems, Hospital Display, Marine, Defence and ATMs.

Dimension

Specification

LCD

Model	PM-220R3
LCD Size	22"
Resolution	1680 x 1050 (WSXGA+)
Brightness	250 cd/m2
Contrast Ratio	2000:1
Viewing Angle	178/178
Backlight	LED
Backlight MTBF	30000Hrs
LCD Color	16.7M
Pixel Pitch (mm)	0.282
Front Frame Material	Aluminium
Chassis	SECC
OSD Function	Yes
Mounting	Panel Mount/VESA
Colour	Black

Input Interface

Input Signal	VGA/DVI

Touch screen

Touch screen Type	5 Wire Resistive
Touch screen Controller	USB/RS-232

Power Requirement

DC Input	12V
Power Supply	60W AC/DC Power Adapter

Mechanical & Environment

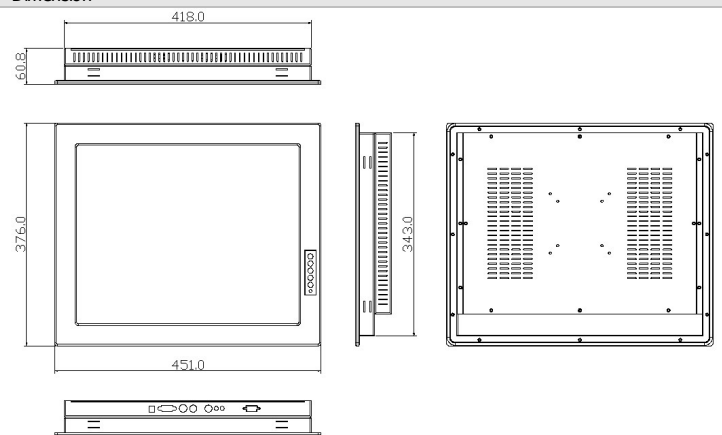| Dimension	550.8(W) x 373.1(H) x 62.8(D) mm
Weight	Gross 11kg
Operation temperature	0°C to 60°C (32° F to 140° F)
Storage temperature	-20°C to 80°C (-68° F to 176° F)
Relative humidity	5% to 95% (Non-Condensing)
Vibration	5-17Hz 0.1" double amplitude displacement 17-640Hz 1.5G Acceleration peak to peak
Shock	10G acceleration peak to peak (11ms)
Front Bezel protection	IP65 Compliant

Ordering Information

PM-220R3D1B-C100	Industrial 22" TFT 250cd/m² Panel Mount LCD Monitor with Anti Reflective Glass Protection/VGA/DVI Input
PM-220R3D1B-C101	Industrial 22" TFT 250cd/m² Panel Mount LCD Monitor with 5-Wire Resistive Touch Screen (USB)/VGA/DVI Input
PM-220R3D1B-C102	Industrial 22" TFT 250cd/m² Panel Mount LCD Monitor with 5-Wire Resistive Touch Screen (RS-232)/VGA/DVI Input

I-View PM-240R3

Industrial 24" TFT Panel Mount LCD Monitor with optional Resistive Touch Screen or Anti Reflective Glass Protection

FEATURES

- 24" TFT LCD Panel Display
- High MTBF Backlight up to 50000hrs@ 25ºC
- Input Interface: VGA/DVI
- Front Bezel Compliant with IP65 sealing
- Front Bezel Aluminium and Chassis Steel Material
- Mounting Options: Panel Mount or VESA Wall Mount
- Power Input: 12V DC Input, 60W AC/DC Power Adapter
- Optional Resistive 5 wire Touch screen or Anti Reflective Glass Protection

Introduction

I-View PM-240R3 Industrial Panel Mount TFT LCD Monitor with optional Resistive Touch screen or Anti-Reflective Glass Protection. I-View PM-240R3 offer three different types of input options for different applications.

I-View PM-240R3 is ideal for developing KIOSK, Industrial Test Equipment, Industrial Control systems, Hospital Display, Marine, Defence and ATMs.

Dimension

Specification

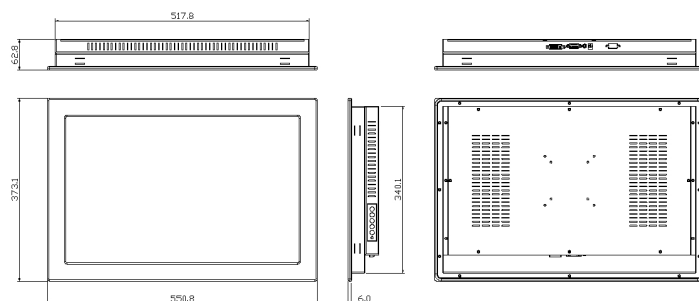| LCD	
Model	**PM-240R3**
LCD Size	24"
Resolution	1920 x 1080
Brightness	300 cd/m^2
Contrast Ratio	5000:1
Viewing Angle	178/178
Backlight	LED
Backlight MTBF	50000Hrs
LCD Color	16.7M
Pixel Pitch (mm)	0.27675
Front Frame Material	Aluminium
Chassis	SECC
OSD Function	Yes
Mounting	Panel Mount/VESA
Colour	Black
Input Interface	
Input Signal	VGA/DVI
Touch screen	
Touch screen Type	5 Wire Resistive
Touch screen Controller	USB/RS-232
Power Requirement	
DC Input	12V
Power Supply	60W AC/DC Power Adapter
Mechanical & Environment	
Dimension	608.4(W) x 375.9(H) x 62.8(D) mm
Weight	Gross 13kg
Operation temperature	0°C to 60°C (32° F to 140° F)
Storage temperature	-20°C to 80°C (-68° F to 176° F)
Relative humidity	5% to 95% (Non-Condensing)
Vibration	5-17Hz 0.1" double amplitude displacement 17-640Hz 1.5G Acceleration peak to peak
Shock	10G acceleration peak to peak (11ms)
Front Bezel protection	IP65 Compliant
Ordering Information	
PM-240R3D1B-C100	Industrial 24" TFT 300cd/m^2 Panel Mount LCD Monitor with Anti Reflective Glass Protection/VGA/DVI Input
PM-240R3D1B-C101	Industrial 24" TFT 300cd/m^2 Panel Mount LCD Monitor with 5-Wire Resistive Touch Screen (USB)/VGA/DVI Input
PM-240R3D1B-C102	Industrial 24" TFT 300cd/m^2 Panel Mount LCD Monitor with 5-Wire Resistive Touch Screen (RS-232)/VGA/DVI Input

OPEN FRAME MONITOR

I-View OF-084R3

Industrial 8.4" TFT Panel Mount LCD Monitor with optional Resistive Touch Screen or Anti Reflective Glass Protection

FEATURES

- 8.4" TFT LCD Panel Display
- High MTBF Backlight up to 30000/50000hrs@ 25°C
- Input Interface: VGA/DVI
- Chassis Steel Material
- Mounting Options: Panel Mount or VESA Wall Mount
- Power Input: 12V DC Input, 48W AC/DC Power Adapter
- Optional Resistive 5 wire Touch screen or Anti Reflective Glass Protection

Introduction

I-View OF-084R3 Industrial Open Frame TFT LCD Monitor with optional Resistive Touch screen or Anti-Reflective Glass Protection. I-View OF-084R3 offer two different types of input options for different applications.

I-View OF-084R3 is ideal for developing KIOSK, Industrial Test Equipment, Industrial Control systems, Hospital Display, Marine, Defence and ATMs.

Dimension

217 X 175 X 38 mm
1.5 KG

Specification

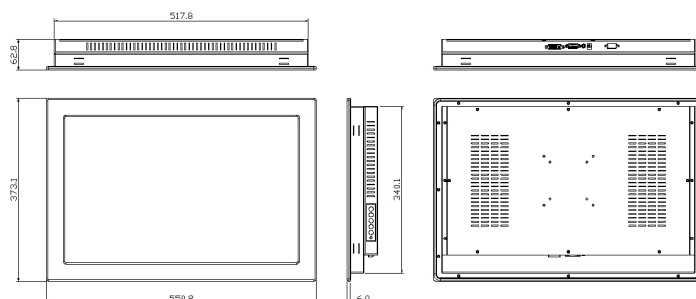| LCD		
Model	OF-084R3	OF-084HR3
LCD Size	8.4"	
Resolution	800 x 600	640 x 480
Brightness	250 cd/m^2	450 cd/m2
Contrast Ratio	600:1	
Viewing Angle	160/140	
Backlight	LED	
Backlight MTBF	30000Hrs	50000Hrs
LCD Color	16.2M./ 262K	
Pixel Pitch (mm)	0.213	
Front Frame Material	Steel	
Chassis	Steel	
OSD Function	Yes	
Mounting	Chassis/VESA	
Colour	Black/Silver	
Input Interface		
Input Signal	VGA/DVI	
Touch screen		
Touch screen Type	5 Wire Resistive	
Touch screen Controller	USB/RS-232	
Power Requirement		
DC Input	12V	
Power Supply	48W AC/DC Power Adapter	
Mechanical & Environment		
Dimension	217(W) x 175(H) x 38(D) mm	
Weight	Gross 2.5kg	
Operation temperature	0°C to 60°C (32° F to 140° F)	
Storage temperature	-20°C to 80°C (-68° F to 176° F)	
Relative humidity	5% to 95% (Non-Condensing)	
Vibration	5-17Hz 0.1" double amplitude displacement 17-640Hz 1.5G Acceleration peak to peak	
Shock	10G acceleration peak to peak (11ms)	
Front Bezel protection	-	
Ordering Information		
OF-084R3D1B-C100	Industrial 8.4" TFT 250cd/m^2 Open Frame LCD Monitor with Anti Reflective Glass Protection/VGA/DVI Input	
OF-084R3D1B-C101	Industrial 8.4" TFT 250cd/m^2 Open Frame LCD Monitor with 5-Wire Resistive Touch Screen (USB)/VGA/DVI Input	
OF-084R3D1B-C102	Industrial 8.4" TFT 250cd/m^2 Open Frame LCD Monitor with 5-Wire Resistive Touch Screen (RS-232)/VGA/DVI Input	
OF-084R3HD1B-C100	Industrial 8.4" TFT 450cd/m^2 Open Frame LCD Monitor with Anti-Reflective Glass Protection/VGA/DVI Input	
OF-084R3HD1B-C101	Industrial 8.4" TFT 450cd/m^2 Open Frame LCD Monitor with 5-Wire Resistive Touch Screen (USB)/VGA/DVI Input	
OF-084R3HD1B-C102	Industrial 8.4" TFT 450cd/m^2 Open Frame LCD Monitor with 5-Wire Resistive Touch Screen (RS-232)/VGA/DVI Input	

I-View OF-104R3

Industrial 10.4" TFT Open Frame LCD Monitor with optional Resistive Touch Screen or Anti Reflective Glass Protection

FEATURES

- 10.4" TFT LCD Panel Display
- High MTBF Backlight up to 50000hrs@ 25°C
- Input Interface: VGA/DVI
- Chassis Steel Material
- Mounting Options: Open Frame or VESA Wall Mount
- Power Input: 12V DC Input, 48W AC/DC Power Adapter
- Optional Resistive 5 wire Touch screen or Anti Reflective Glass Protection

ROHS Compliance

CE FC

Introduction

I-View OF-104R3 Industrial Open Frame TFT LCD Monitor with optional Resistive Touch screen or Anti-Reflective Glass Protection. I-View OF-104R3 offer two different types of input options for different applications.

I-View OF-104R3 is ideal for developing KIOSK, Industrial Test Equipment, Industrial Control systems, Hospital Display, Marine, Defence and ATMs.

Specification

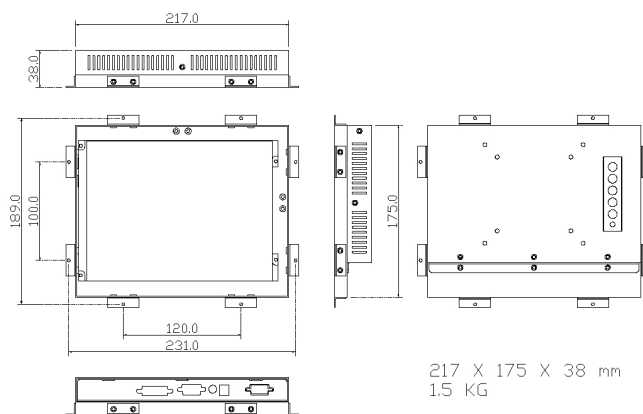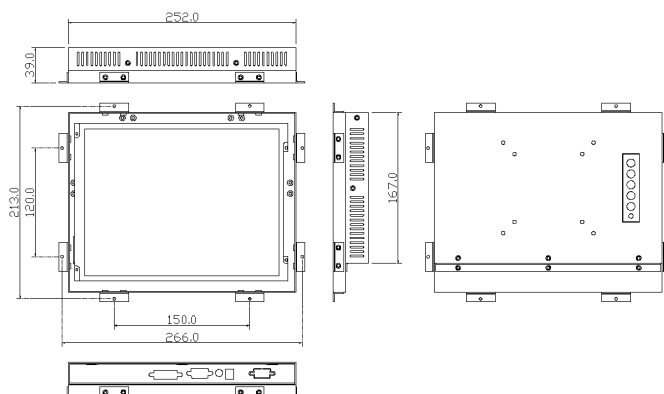| LCD			
Model	**OF-104H**	**OF-104HR**	
LCD Size	10.4"		
Resolution	640 x 480	800 x 600	1024 x 768
Brightness	450 cd/m²	400 cd/m²	470 cd/m²
Contrast Ratio	700:1	700:1	3000:1
Viewing Angle	160/140	160/130	178/178
Resolution	LED	LED	LED
Brightness	50000Hrs	70000Hrs	80000Hrs
LCD Color	16.2M./ 262K	16.2M./ 262K	16.2M./ 262K
Pixel Pitch (mm)	0.33	0.264	0.2055
Front Frame Material	Steel		
Chassis	Steel		
OSD Function	Yes		
Mounting	Open Frame/VESA		
Colour	Black		
Input Interface			
Input Signal	VGA/DVI		
Touch screen			
Touch screen Type	5 Wire Resistive		
Touch screen Controller	USB/RS-232		
Power Requirement			
DC Input	12V		
Power Supply	48W AC/DC Power Adapter		
Mechanical & Environment			
Dimension	252(W) x 167(H) x 39(D) mm		
Weight	Gross 3.0kg		
Operation temperature	0°C to 60°C (32° F to 140° F)		
Storage temperature	-20°C to 80°C (-68° F to 176° F)		
Relative humidity	5% to 95% (Non-Condensing)		
Vibration	5-17Hz 0.1" double amplitude displacement 17-640Hz 1.5G Acceleration peak to peak		
Shock	10G acceleration peak to peak (11ms)		
Front Bezel protection	-		
Ordering Information			
OF-104SR3D1B-C100	Industrial 10.4" TFT 450cd/m² Open Frame LCD Monitor with Anti- Reflective Glass Protection/VGA/DVI Input		
OF-104SR3D1B-C101	Industrial 10.4" TFT 450cd/m² Open Frame LCD Monitor with 5-Wire Resistive Touch Screen (USB)/VGA/DVI Input		
OF-104SR3D1B-C102	Industrial 10.4" TFT 450cd/m² Open Frame LCD Monitor with 5-Wire Resistive Touch Screen (RS-232)/VGA/DVI Input		
OF-104R3D1B-C100	Industrial 10.4" TFT 400cd/m² Open Frame LCD Monitor with Anti- Reflective Glass Protection/VGA/DVI Input		
OF-104R3D1B-C101	Industrial 10.4" TFT 400cd/m² Open Frame LCD Monitor with 5-Wire Resistive Touch Screen (USB)/VGA/DVI Input		
OF-104R3D1B-C102	Industrial 10.4" TFT 400cd/m² Open Frame LCD Monitor with 5-Wire Resistive Touch Screen (RS-232)/VGA/DVI Input		
OF-104HRR3D1B-C100	Industrial 10.4" TFT 470cd/m² Open Frame LCD Monitor with Anti- Reflective Glass Protection/VGA/DVI Input		
OF-104HRR3D1B-C101	Industrial 10.4" TFT 470cd/m² Open Frame LCD Monitor with 5-Wire Resistive Touch Screen (USB)/VGA/DVI Input		
OF-104HRR3D1B-C102	Industrial 10.4" TFT 470cd/m² Open Frame LCD Monitor with 5-Wire Resistive Touch Screen (RS-232)/VGA/DVI Input		

Dimension

I-View OF-121R3

Industrial 12.1" TFT Open Frame LCD Monitor with optional Resistive Touch Screen or Anti Reflective Glass Protection

FEATURES

- 12.1" TFT LCD Panel Display
- High MTBF Backlight up to 50000hrs@ 25°C
- Input Interface: VGA/DVI Input/RCA Output
- Chassis Steel Material
- Mounting Options: Open Frame or VESA Wall Mount
- Power Input: 12V DC Input, 48W AC/DC Power Adapter
- Optional Resistive 5 wire Touch screen or Anti Reflective Glass Protection
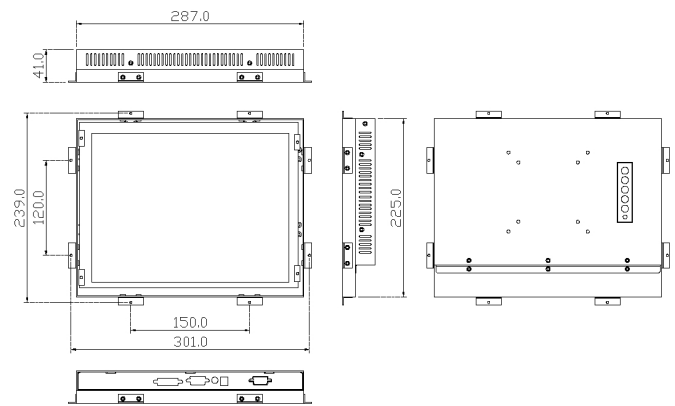
Introduction

I-View OF-121R3 Industrial Open Frame TFT LCD Monitor with optional Resistive Touch screen or Anti-Reflective Glass Protection. I-View OF-121R3 offer two different types of input options for different applications.

I-View OF-121R3 is ideal for developing KIOSK, Industrial Test Equipment, Industrial Control systems, Hospital Display, Marine, Defence and ATMs.

Specification

LCD	
Model	**OF-121R3**
LCD Size	12.1"
Resolution	800 x 600
Brightness	300 cd/m²
Contrast Ratio	600:1
Viewing Angle	160/140
Backlight	LED
Backlight MTBF	30000Hrs
LCD Color	16.2M./ 262K
Pixel Pitch (mm)	0.3075
Front Frame Material	Steel
Chassis	Steel
OSD Function	Yes
Mounting	VESA
Colour	Black
Input Interface	
Input Signal	VGA/DVI
Touch screen	
Touch screen Type	5 Wire Resistive
Touch screen Controller	USB/RS-232
Power Requirement	
DC Input	12V
Power Supply	48W AC/DC Power Adapter
Mechanical & Environment	
Dimension	287(W) x 225(H) x 41(D) mm
Weight	Gross 3.5kg
Operation temperature	0°C to 60°C (32° F to 140° F)
Storage temperature	-20°C to 80°C (-68° F to 176° F)
Relative humidity	5% to 95% (Non-Condensing)
Vibration	5-17Hz 0.1" double amplitude displacement 17-640Hz 1.5G Acceleration peak to peak
Shock	10G acceleration peak to peak (11ms)
Front Bezel protection	IP65 Compliant
Ordering Information	
OF-121R3D1B-C100	Industrial 12.1" TFT 300cd/m² Open Frame LCD Monitor with Anti Reflective Glass Protection/VGA/DVI Input
OF-121R3D1B-C101	Industrial 12.1" TFT 300cd/m² Open Frame LCD Monitor with 5-Wire Resistive Touch Screen (USB)/VGA/DVI Input
OF-121R3D1B-C102	Industrial 12.1" TFT 300cd/m² Open Frame LCD Monitor with 5-Wire Resistive Touch Screen (RS-232)/VGA/DVI Input

Dimension

I-View OF-150R3

FEATURES

- 15" TFT LCD Panel Display
- High MTBF Backlight up to 50000hrs@ 25°C
- Input Interface: VGA/DVI
- Chassis Steel Material
- Mounting Options: Open Frame or VESA Wall Mount
- Power Input: 12V DC Input, 48W AC/DC Power Adapter
- Optional Resistive 5 wire Touch screen or Anti Reflective Glass Protection

RoHS Compliance

CE FC

Introduction

I-View OF-150R3 Industrial Open Frame TFT LCD Monitor with optional Resistive Touch screen or Anti-Reflective Glass Protection. I-View OF-150R3 offer three different types of input options for different applications.

I-View OF-150R3 is ideal for developing KIOSK, Industrial Test Equipment, Industrial Control systems, Hospital Display, Marine, Defence and ATMs

Dimension

Specification

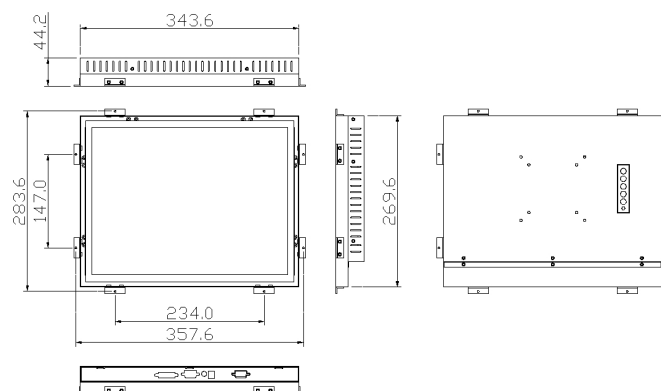| LCD	
Model	**OF-150R3**
LCD Size	15"
Resolution	1024 x 768 (XGA)
Brightness	350 cd/m²
Contrast Ratio	700:1
Viewing Angle	170/160
Backlight	LED
Backlight MTBF	30000Hrs
LCD Color	16.2M./ 262K
Pixel Pitch (mm)	0.297
Front Frame Material	Steel
Chassis	Steel
OSD Function	Yes
Mounting	VESA
Colour	Black/Silver
Input Interface	
Input Signal	VGA/DVI
Touch screen	
Touch screen Type	5 Wire Resistive
Touch screen Controller	USB/RS-232
Power Requirement	
DC Input	12V
Power Supply	48W AC/DC Power Adapter
Mechanical & Environment	
Dimension	343.6(W) x 269.6(H) x 44.2(D) mm
Weight	Gross 4kg
Operation temperature	0°C to 60°C (32° F to 140° F)
Storage temperature	-20°C to 80°C (-68° F to 176° F)
Relative humidity	5% to 95% (Non-Condensing)
Vibration	5-17Hz 0.1" double amplitude displacement 17-640Hz 1.5G Acceleration peak to peak
Shock	10G acceleration peak to peak (11ms)
Front Bezel protection	-
Ordering Information	
OF-150R3D1B-C100	Industrial 15" TFT 350cd/m² Open Frame LCD Monitor with Anti Reflective Glass Protection/VGA/DVI Input
OF-150R3D1B-C101	Industrial 15" TFT 350cd/m² Open Frame LCD Monitor with 5-Wire Resistive Touch Screen (USB)/VGA/DVI Input
OF-150R3D1B-C102	Industrial 15" TFT 350cd/m² Open Frame LCD Monitor with 5-Wire Resistive Touch Screen (RS-232)/VGA/DVI Input

I-View OF-170R3

FEATURES

- 17" TFT LCD Panel Display
- High MTBF Backlight up to 50000hrs@ 25°C
- Input Interface: VGA/DVI
- Chassis Steel Material
- Mounting Options: Open Frame or VESA Wall Mount
- Power Input: 12V DC Input, 48W AC/DC Power Adapter
- Optional Resistive 5 wire Touch screen or Anti Reflective Glass Protection

Introduction

I-View OF-170R3 Industrial Open Frame TFT LCD Monitor with optional Resistive Touch screen or Anti-Reflective Glass Protection. I-View OF-170R3 offer three different types of input options for different applications.

I-View OF-170R3 is ideal for developing KIOSK, Industrial Test Equipment, Industrial Control systems, Hospital Display, Marine, Defence and ATMs.

Specification

LCD	
Model	**OF-170R3**
LCD Size	17"
Resolution	1280 x 1024
Brightness	350 cd/m2
Contrast Ratio	800:1
Viewing Angle	160/140
Backlight	LED
Backlight MTBF	50000Hrs
LCD Color	16.7M
Pixel Pitch (mm)	0.264
Front Frame Material	Steel
Chassis	Steel
OSD Function	Yes
Mounting	VESA
Colour	Black
Input Interface	
Input Signal	VGA/DVI
Touch screen	
Touch screen Type	5 Wire Resistive
Touch screen Controller	USB/RS-232
Power Requirement	
DC Input	12V
Power Supply	48W AC/DC Power Adapter
Mechanical & Environment	
Dimension	375(W) x 307(H) x 41.1(D) mm
Weight	Gross 4.5kg
Operation temperature	0°C to 60°C (32° F to 140° F)
Storage temperature	-20°C to 80°C (-68° F to 176° F)
Relative humidity	5% to 95% (Non-Condensing)
Vibration	5-17Hz 0.1" double amplitude displacement 17-640Hz 1.5G Acceleration peak to peak
Shock	10G acceleration peak to peak (11ms)
Front Bezel protection	-
Ordering Information	
OF-170R3D1B-C100	Industrial 17" TFT 350cd/m² Open Frame LCD Monitor with Anti Reflective Glass Protection/VGA/DVI Input
OF-170R3D1B-C101	Industrial 17" TFT 350cd/m² Open Frame LCD Monitor with 5-Wire Resistive Touch Screen (USB)/VGA/DVI Input
OF-170R3D1B-C102	Industrial 17" TFT 350cd/m² Open Frame LCD Monitor with 5-Wire Resistive Touch Screen (RS-232)/VGA/DVI Input

Dimension

* All Specifications are subjected to change without prior notice.   www.sinetic.com

I-View OF-190R3

FEATURES

- 19" TFT LCD Panel Display
- High MTBF Backlight up to 50000hrs@ 25ºC
- Input Interface: VGA/DVI
- Chassis Steel Material
- Mounting Options: Open Frame or VESA Wall Mount
- Power Input: 12V DC Input, 48W AC/DC Power Adapter
- Optional Resistive 5 wire Touch screen or Anti Reflective Glass Protection

Introduction

I-View OF-190R3 Industrial Open Frame TFT LCD Monitor with optional Resistive Touch screen or Anti-Reflective Glass Protection. I-View OF-190R3 offer three different types of input options for different applications.

I-View OF-190R3 is ideal for developing KIOSK, Industrial Test Equipment, Industrial Control systems, Hospital Display, Marine, Defence and ATMs.

Specification

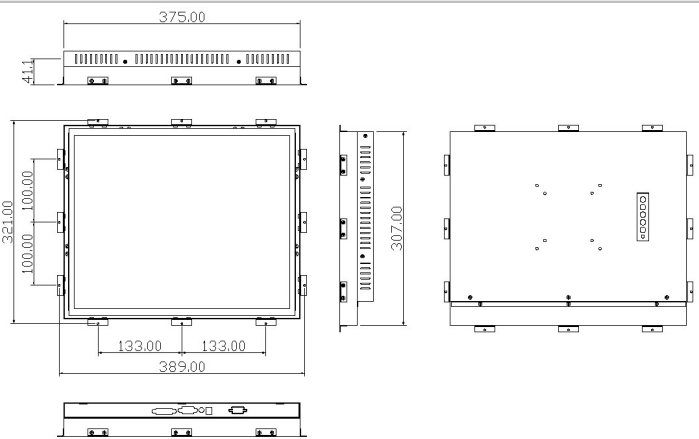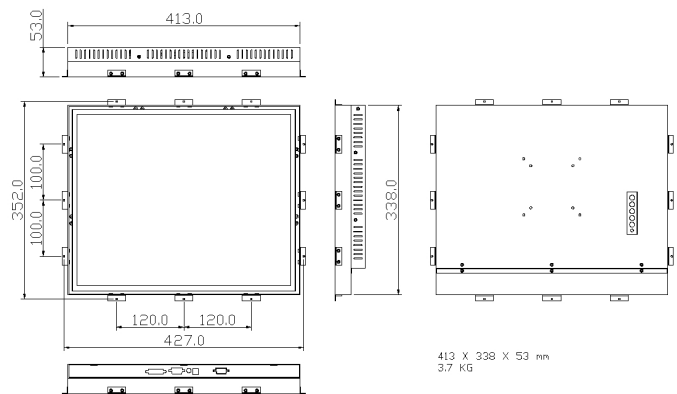| LCD	
Model	**OF-190R3**
LCD Size	19"
Resolution	1280 x 1024
Brightness	350 cd/m2
Contrast Ratio	1000:1
Viewing Angle	160/140
Backlight	LED
Backlight MTBF	70000Hrs
LCD Color	16.7M
Pixel Pitch (mm)	0.294
Front Frame Material	Steel
Chassis	Steel
OSD Function	Yes
Mounting	VESA
Colour	Black/Silver
Input Interface	
Input Signal	VGA/DVI
Touch screen	
Touch screen Type	5 Wire Resistive
Touch screen Controller	USB/RS-232
Power Requirement	
DC Input	12V
Power Supply	48W AC/DC Power Adapter
Mechanical & Environment	
Dimension	413(W) x 338(H) x 53(D) mm
Weight	Gross 4.5kg
Operation temperature	0°C to 60°C (32° F to 140° F)
Storage temperature	-20°C to 80°C (-68° F to 176° F)
Relative humidity	5% to 95% (Non-Condensing)
Vibration	5-17Hz 0.1" double amplitude displacement 17-640Hz 1.5G Acceleration peak to peak
Shock	10G acceleration peak to peak (11ms)
Front Bezel protection	-
Ordering Information	
OF-190R3D1B-C100	Industrial 19" TFT 350cd/m^2 Open Frame LCD Monitor with Anti Reflective Glass Protection/VGA/DVI Input
OF-190R3D1B-C101	Industrial 19" TFT 350cd/m^2 Open Frame LCD Monitor with 5-Wire Resistive Touch Screen (USB)/VGA/DVI Input
OF-190R3D1B-C102	Industrial 19" TFT 350cd/m^2 Open Frame LCD Monitor with 5-Wire Resistive Touch Screen (RS-232)/VGA/DVI Input

Dimension

413 X 338 X 53 mm
3.7 KG

CHASSIS MONITOR

I-View AL-084R3

Industrial 8.4" TFT Chassis LCD Monitor with optional Resistive Touch Screen or Anti Reflective Glass Protection

FEATURES

- 8.4" TFT LCD Panel Display
- High MTBF Backlight up to 30000hrs@ 25°C
- Input Interface: VGA/DVI
- Chassis Steel Material
- Mounting Options: Chassis or VESA Wall Mount
- Power Input: 12V DC Input, 48W AC/DC Power Adapter
- Optional Resistive 5 wire Touch screen or Anti Reflective Glass Protection

Introduction

I-View AL-084R3 Industrial Chassis TFT LCD Monitor with optional Resistive Touch screen or Anti-Reflective Glass Protection. I-View AL-084R3 offers two different types AL input options for different applications.

I-View AL-084R3 is ideal for developing KIOSK, Industrial Test Equipment, Industrial Control systems, Hospital Display, Marine, Defence and ATMs

Dimension

Specification

LCD	
Model	**AL-084R3**
LCD Size	8.4"
Resolution	800 x 600
Brightness	250 cd/m2
Contrast Ratio	600:1
Viewing Angle	160/140
Backlight	LED
Backlight MTBF	30000Hrs
LCD Color	16.2M./ 262K
Pixel Pitch (mm)	0.213
Front Frame Material	Steel
Chassis	Steel
OSD Function	Yes
Mounting	Chassis/VESA
Colour	Black
Input Interface	
Input Signal	VGA/DVI
Touch screen	
Touch screen Type	5 Wire Resistive
Touch screen Controller	USB/RS-232
Power Requirement	
DC Input	12V
Power Supply	48W AC/DC Power Adapter
Mechanical & Environment	
Dimension	220(W) x 178(H) x 40(D) mm
Weight	Gross 2kg
Operation temperature	0°C to 60°C (32° F to 140° F)
Storage temperature	-20°C to 80°C (-68° F to 176° F)
Relative humidity	5% to 95% (Non-Condensing)
Vibration	5-17Hz 0.1" double amplitude displacement 17-640Hz 1.5G Acceleration peak to peak
Shock	10G acceleration peak to peak (11ms)
Front Bezel protection	-
Ordering Information	
AL-084R3D1B-C100	Industrial 8.4" TFT 250cd/m² Chassis LCD Monitor with Anti Reflective Glass Protection/VGA/DVI Input
AL-084R3D1B-C101	Industrial 8.4" TFT 250cd/m² Chassis LCD Monitor with 5-Wire Resistive Touch Screen (USB)/VGA/DVI Input
AL-084R3D1B-C102	Industrial 8.4" TFT 250cd/m² Chassis LCD Monitor with 5-Wire Resistive Touch Screen (RS-232)/VGA/DVI Input
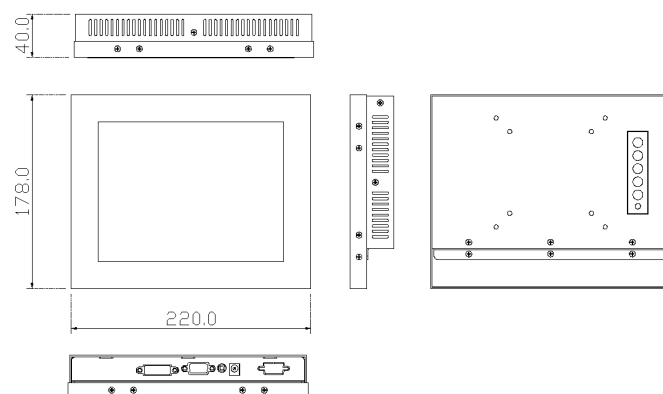
I-View AL-104R3

Industrial 10.4" TFT Chassis LCD Monitor with optional Resistive Touch Screen or Anti Reflective Glass Protection

FEATURES

- 10.4" TFT LCD Panel Display
- High MTBF Backlight up to 50000hrs@ 25ºC
- Input Interface: VGA/DVI
- Chassis Steel Material
- Mounting Options: Chassis or VESA Wall Mount
- Power Input: 12V DC Input, 48W AC/DC Power Adapter
- Optional Resistive 5 wire Touch screen or Anti Reflective Glass Protection

Introduction

I-View AL-104R3 Industrial Chassis TFT LCD Monitor with optional Resistive Touch screen or Anti-Reflective Glass Protection. I-View AL-104R3 offer two different types AL input options for different applications.

I-View AL-104R3 is ideal for developing KIOSK, Industrial Test Equipment, Industrial Control systems, Hospital Display, Marine, Defence and ATMs

Specification

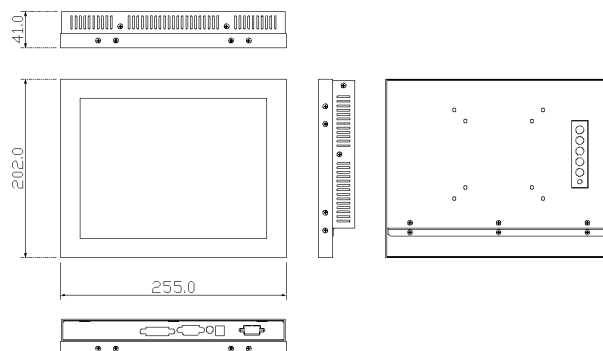| LCD			
Model	**AL-104SR3**	**AL-104R3**	**AL-104HRR3**
LCD Size	10.4"		
Resolution	640 x 480	800 x 600	1024 x 768
Brightness	450 cd/m^2	400 cd/m^2	470 cd/m^2
Contrast Ratio	700:1	700:1	3000:1
Viewing Angle	160/140	160/130	178/178
Backlight	LED	LED	LED
Backlight MTBF	50000Hrs	70000Hrs	80000Hrs
LCD Color	16.2M./ 262K	16.2M./ 262K	16.2M./ 262K
Pixel Pitch (mm)	0.33	0.264	0.2055
Front Frame Material	Steel		
Chassis	Steel		
OSD Function	Yes		
Mounting	Chassis/VESA		
Colour	Black		
Input Interface			
Input Signal	VGA/DVI		
Touch screen			
Touch screen Type	5 Wire Resistive		
Touch screen Controller	USB/RS-232		
Power Requirement			
DC Input	12V		
Power Supply	48W AC/DC Power Adapter		
Mechanical & Environment			
Dimension	255(W) x 202(H) x 41(D) mm		
Weight	Gross 3kg		
Operation temperature	0°C to 60°C (32° F to 140° F)		
Storage temperature	-20°C to 80°C (-68° F to 176° F)		
Relative humidity	5% to 95% (Non-Condensing)		
Vibration	5-17Hz 0.1" double amplitude displacement 17-640Hz 1.5G Acceleration peak to peak		
Shock	10G acceleration peak to peak (11ms)		
Front Bezel protection	-		
Ordering Information			
AL-104SR3D1B-C100	Industrial 10.4" TFT 450cd/m^2 Chassis LCD Monitor with Anti-Reflective Glass Protection/VGA/DVI Input		
AL-104SR3D1B-C101	Industrial 10.4" TFT 450cd/m^2 Chassis LCD Monitor with 5-Wire Resistive Touch Screen (USB)/VGA/DVI Input		
AL-104SR3D1B-C102	Industrial 10.4" TFT 450cd/m^2 Chassis LCD Monitor with 5-Wire Resistive Touch Screen (RS-232)/VGA/DVI Input		
AL-104R3D1B-C100	Industrial 10.4" TFT 400cd/m^2 Chassis LCD Monitor with Anti-Reflective Glass Protection/VGA/DVI Input		
AL-104R3D1B-C101	Industrial 10.4" TFT 400cd/m^2 Chassis LCD Monitor with 5-Wire Resistive Touch Screen (USB)/VGA/DVI Input		
AL-104R3D1B-C102	Industrial 10.4" TFT 400cd/m^2 Chassis LCD Monitor with 5-Wire Resistive Touch Screen (RS-232)/VGA/DVI Input		
AL-104HRR3D1B-C100	Industrial 10.4" TFT 470cd/m^2 Chassis LCD Monitor with Anti-Reflective Glass Protection/VGA/DVI Input		
AL-104HRR3D1B-C101	Industrial 10.4" TFT 470cd/m^2 Chassis LCD Monitor with 5-Wire Resistive Touch Screen (USB)/VGA/DVI Input		
AL-104HRR3D1B-C102	Industrial 10.4" TFT 470cd/m^2 Chassis LCD Monitor with 5-Wire Resistive Touch Screen (RS-232)/VGA/DVI Input		

Dimension

41.0

202.0

255.0

I-View AL-121R3

FEATURES

- 12.1" TFT LCD Panel Display
- High MTBF Backlight up to 30000hrs@ 25ºC
- Input Interface: VGA/DVI
- Chassis Steel Material
- Mounting Options: Chassis or VESA Wall Mount
- Power Input: 12V DC Input, 48W AC/DC Power Adapter
- Optional Resistive 5 wire Touch screen or Anti Reflective Glass Protection
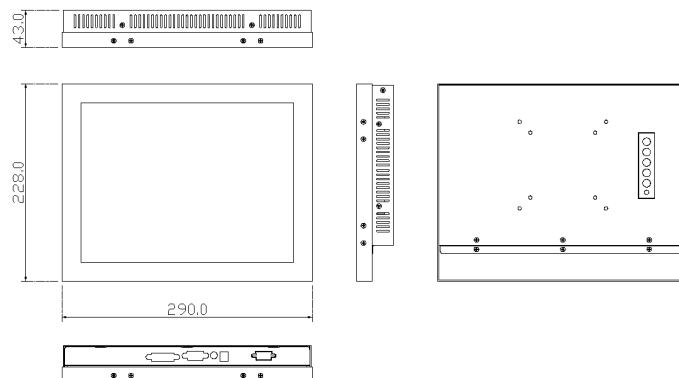
Introduction

I-View AL-121R3 Industrial Chassis TFT LCD Monitor with optional Resistive Touch screen or Anti-Reflective Glass Protection. I-View AL-121R3 offer two different types AL input options for different applications.

I-View AL-121R3 is ideal for developing KIOSK, Industrial Test Equipment, Industrial Control systems, Hospital Display, Marine, Defence and ATMs

Dimension

Specification

LCD	
Model	**AL-121R3**
LCD Size	12.1"
Resolution	800 x 600
Brightness	300 cd/m^2
Contrast Ratio	600:1
Viewing Angle	160/140
Backlight	LED
Backlight MTBF	30000Hrs
LCD Color	16.2M./ 262K
Pixel Pitch (mm)	0.3075
Front Frame Material	Steel
Chassis	Steel
OSD Function	Yes
Mounting	Chassis/VESA
Colour	Black
Input Interface	
Input Signal	VGA/DVI
Touch screen	
Touch screen Type	5 Wire Resistive
Touch screen Controller	USB/RS-232
Power Requirement	
DC Input	12V
Power Supply	48W AC/DC Power Adapter
Mechanical & Environment	
Dimension	290(W) x 228(H) x 43(D) mm
Weight	Gross 7kg
Operation temperature	0°C to 60°C (32° F to 140° F)
Storage temperature	-20°C to 80°C (-68° F to 176° F)
Relative humidity	5% to 95% (Non-Condensing)
Vibration	5-17Hz 0.1" double amplitude displacement 17-640Hz 1.5G Acceleration peak to peak
Shock	10G acceleration peak to peak (11ms)
Front Bezel protection	-
Ordering Information	
AL-121R3D1B-C100	Industrial 12.1" TFT 300cd/m^2 Chassis LCD Monitor with Anti Reflective Glass Protection/VGA/DVI Input
AL-121R3D1B -C101	Industrial 12.1" TFT 300cd/m^2 Chassis LCD Monitor with 5-Wire Resistive Touch Screen (USB)/VGA/DVI Input
AL-121R3D1B-C102	Industrial 12.1" TFT 300cd/m^2 Chassis LCD Monitor with 5-Wire Resistive Touch Screen (RS-232)/VGA/DVI Input

I-View AL-150R3

Industrial 15" TFT Chassis LCD Monitor with optional Resistive Touch Screen or Anti Reflective Glass Protection

FEATURES

- 15" TFT LCD Panel Display
- High MTBF Backlight up to 50000hrs@ 25°C
- Input Interface: VGA/DVI
- Chassis Steel Material
- Mounting Options: Chassis or VESA Wall Mount
- Power Input: 12V DC Input, 48W AC/DC Power Adapter
- Optional Resistive 5 wire Touch screen or Anti Reflective Glass Protection
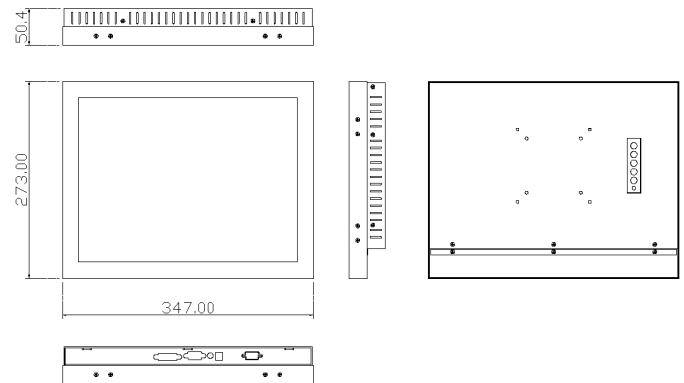
Introduction

I-View AL-150R3 Industrial Chassis TFT LCD Monitor with optional Resistive Touch screen or Anti Reflective Glass Protection. I-View AL-150R3 comes with two different types AL input options for different applications.

I-View AL-150R3 is ideal for developing KIOSK, Industrial Test Equipment, Industrial Control systems, Hospital Display, Marine, Defence and ATMs

Specification

LCD

Model	AL-150R3
LCD Size	15"
Resolution	1024 x 768 (XGA)
Brightness	350 cd/m2
Contrast Ratio	700:1
Viewing Angle	170/160
Backlight	LED
Backlight MTBF	30000Hrs
LCD Color	16.2M./ 262K
Pixel Pitch (mm)	0.297
Front Frame Material	Steel
Chassis	Steel
OSD Function	Yes
Mounting	VESA
Colour	Black

Input Interface

Input Signal	VGA/DVI

Touch screen

Touch screen Type	5 Wire Resistive
Touch screen Controller	USB/RS-232

Power Requirement

DC Input	12V
Power Supply	48W AC/DC Power Adapter

Mechanical & Environment

Dimension	347(W) x 273(H) x 50.4(D) mm
Weight	Gross 7kg
Operation temperature	0°C to 60°C (32° F to 140° F)
Storage temperature	-20°C to 80°C (-68° F to 176° F)
Relative humidity	5% to 95% (Non-Condensing)
Vibration	5-17Hz 0.1" double amplitude displacement 17-640Hz 1.5G Acceleration peak to peak
Shock	10G acceleration peak to peak (11ms)
Front Bezel protection	-

Ordering Information

AL-150R3D1B-C100	Industrial 15" TFT 350cd/m² Chassis LCD Monitor with Anti Reflective Glass Protection/VGA/DVI Input
AL-150R3D1B-C101	Industrial 15" TFT 350cd/m² Chassis LCD Monitor with 5-Wire Resistive Touch Screen (USB)/VGA/DVI Input
AL-150R3D1B-C102	Industrial 15" TFT 350cd/m² Chassis LCD Monitor with 5-Wire Resistive Touch Screen (RS-232)/VGA/DVI Input

Dimension

I-View AL-170R3

Industrial 17" TFT Chassis LCD Monitor with optional Resistive Touch Screen or Anti Reflective Glass Protection

FEATURES

- 17" TFT LCD Panel Display
- High MTBF Backlight up to 50000hrs@ 25°C
- Input Interface: VGA/DVI
- Chassis Steel Material
- Mounting Options: Chassis or VESA Wall Mount
- Power Input: 12V DC Input, 48W AC/DC Power Adapter
- Optional Resistive 5 wire Touch screen or Anti Reflective Glass Protection
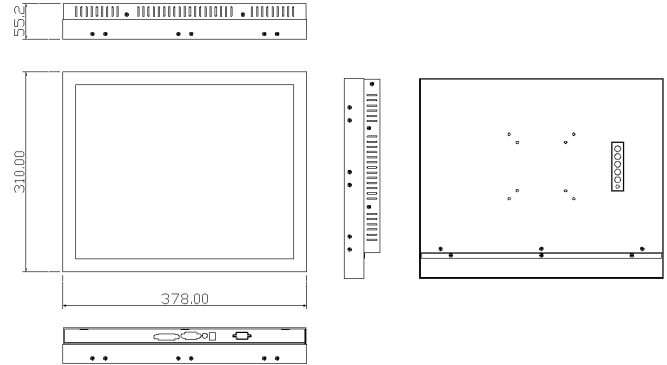
Introduction

I-View AL-170R3 Industrial Chassis TFT LCD Monitor with optional Resistive Touch screen or Anti-Reflective Glass Protection. I-View AL-170R3 offer three different types of input options for different applications.

I-View AL-170R3 is ideal for developing KIOSK, Industrial Test Equipment, Industrial Control systems, Hospital Display, Marine, Defence and ATMs.

Specification

LCD	
Model	**AL-170R3**
LCD Size	17"
Resolution	1280 x 1024
Brightness	350 cd/m2
Contrast Ratio	800:1
Viewing Angle	160/140
Backlight	LED
Backlight MTBF	50000Hrs
LCD Color	16.7M
Pixel Pitch (mm)	0.264
Front Frame Material	Steel
Chassis	Steel
OSD Function	Yes
Mounting	VESA
Colour	Black/Silver
Input Interface	
Input Signal	VGA/DVI
Touch screen	
Touch screen Type	5 Wire Resistive
Touch screen Controller	USB/RS-232
Power Requirement	
DC Input	12V
Power Supply	48W AC/DC Power Adapter
Mechanical & Environment	
Dimension	378(W) x 310(H) x 55.2(D) mm
Weight	Gross 4.5kg
Operation temperature	0°C to 60°C (32° F to 140° F)
Storage temperature	-20°C to 80°C (-68° F to 176° F)
Relative humidity	5% to 95% (Non-Condensing)
Vibration	5-17Hz 0.1" double amplitude displacement 17-640Hz 1.5G Acceleration peak to peak
Shock	10G acceleration peak to peak (11ms)
Front Bezel protection	-
Ordering Information	
AL-170R3D1B-C100	Industrial 17" TFT 350cd/m2 Chassis LCD Monitor with Anti Reflective Glass Protection/VGA/DVI Input
AL-1703D1B-C101	Industrial 17" TFT 350cd/m2 Chassis LCD Monitor with 5-Wire Resistive Touch Screen (USB)/VGA/DVI Input
AL-170R3D1B-C102	Industrial 17" TFT 350cd/m2 Chassis LCD Monitor with 5-Wire Resistive Touch Screen (RS-232)/VGA/DVI Input

Dimension

I-View AL-190R3

FEATURES

- 19" TFT LCD Panel Display
- High MTBF Backlight up to 50000hrs@ 25ºC
- Input Interface: VGA/DVI
- Chassis Steel Material
- Mounting Options: Open Frame or VESA Wall Mount
- Power Input: 12V DC Input, 48W AC/DC Power Adapter
- Optional Resistive 5 wire Touch screen or Anti Reflective Glass Protection
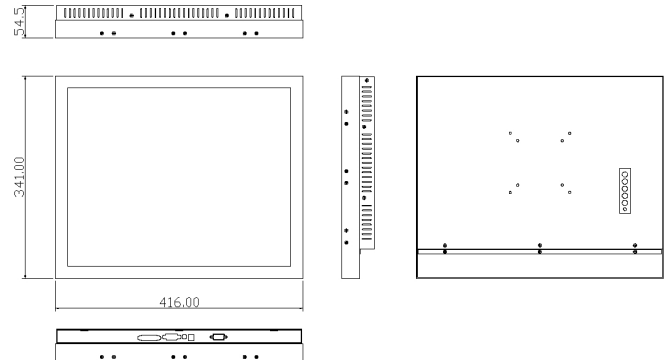
Introduction

I-View AL-190R3 Industrial Chassis TFT LCD Monitor with optional Resistive Touch screen or Anti Reflective Glass Protection. I-View AL-190R3 offer three different types of input options for different applications.

I-View AL-190R3 is ideal for developing KIOSK, Industrial Test Equipment, Industrial Control systems, Hospital Display, Marine, Defence and ATMs.

Specification

LCD	
Model	AL-190R3
LCD Size	19"
Resolution	1280 x 1024
Brightness	350 cd/m²
Contrast Ratio	2000:1
Viewing Angle	178/178
Backlight	LED
Backlight MTBF	50000Hrs
LCD Color	16.7M
Pixel Pitch (mm)	0.294
Front Frame Material	Steel
Chassis	Steel
OSD Function	Yes
Mounting	VESA
Colour	Black
Input Interface	
Input Signal	VGA/DVI
Touch screen	
Touch screen Type	5 Wire Resistive
Touch screen Controller	USB/RS-232
Power Requirement	
DC Input	12V
Power Supply	48W AC/DC Power Adapter
Mechanical & Environment	
Dimension	416(W) x 341(H) x 54.5(D) mm
Weight	Gross 11kg
Operation temperature	0°C to 60°C (32° F to 140° F)
Storage temperature	-20°C to 80°C (-68° F to 176° F)
Relative humidity	5% to 95% (Non-Condensing)
Vibration	5-17Hz 0.1" double amplitude displacement 17-640Hz 1.5G Acceleration peak to peak
Shock	10G acceleration peak to peak (11ms)
Front Bezel protection	-
Ordering Information	
AL-190R3D1B-C100	Industrial 19" TFT 350cd/m² Chassis LCD Monitor with Anti Reflective Glass Protection/VGA/DVI Input
AL-190R3D1B-C101	Industrial 19" TFT 350cd/m² Chassis LCD Monitor with 5-Wire Resistive Touch Screen (USB)/VGA/DVI Input
AL-190R3D1B-C102	Industrial 19" TFT 350cd/m² Chassis LCD Monitor with 5-Wire Resistive Touch Screen (RS-232)/VGA/DVI Input

Dimension

I-View AL-220R3

FEATURES

- 22" TFT LCD Panel Display
- High MTBF Backlight up to 50000hrs@ 25°C
- Input Interface: VGA/DVI or VGA/DVI/HDMI Input
- Chassis Steel Material
- Mounting Options: Open Frame or VESA Wall Mount
- Power Input: 12V DC Input, 60W AC/DC Power Adapter
- Optional Resistive 5 wire Touch screen or Anti Reflective Glass Protection

Introduction

I-View AL-220R3 Industrial Chassis TFT LCD Monitor with optional Resistive Touch screen or Anti-Reflective Glass Protection. I-View AL-220R3 offer two different types of input options for different applications.

I-View AL-220R3 is ideal for developing KIOSK, Industrial Test Equipment, Industrial Control systems, Hospitality, Marine, Defence and ATMs.

Specification

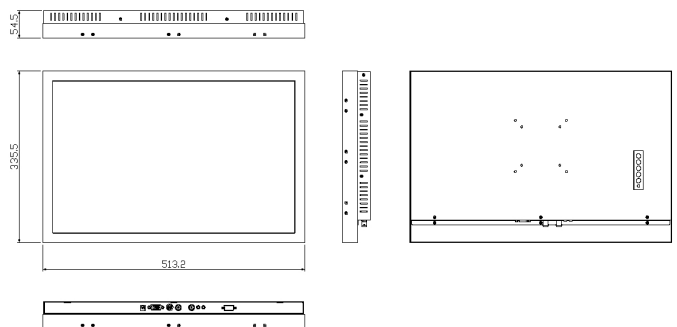| LCD	
Model	**AL-220R3**
LCD Size	22"
Resolution	WSXGA+ (1680x1050)
Brightness	250 cd/m2
Contrast Ratio	2000:1
Viewing Angle	178/178
Backlight	LED
Backlight MTBF	50000Hrs
LCD Color	16.7M
Pixel Pitch (mm)	0.282
Front Frame Material	Steel
Chassis	Steel
OSD Function	Yes
Mounting	VESA
Colour	Black
Input Interface	
Input Signal	VGA/DVI
Touch screen	
Touch screen Type	5 Wire Resistive
Touch screen Controller	USB/RS-232
Power Requirement	
DC Input	12V
Power Supply	48W AC/DC Power Adapter
Mechanical & Environment	
Dimension	513.2(W) x 335.5(H) x 54.5(D) mm
Weight	Gross 9kg
Operation temperature	0°C to 50°C
Storage temperature	-20°C to 80°C
Relative humidity	5% to 95% (Non-Condensing)
Vibration	5-17Hz 0.1" double amplitude displacement 17-640Hz 1.5G Acceleration peak to peak
Shock	10G acceleration peak to peak (11ms)
Front Bezel protection	-
Ordering Information	
AL-220R3D1B-C100	Industrial 22" TFT 250cd/m² Chassis LCD Monitor with Anti Reflective Glass Protection/VGA/DVI Input
AL-220R3D1B-C101	Industrial 22" TFT 250cd/m² Chassis LCD Monitor with 5-Wire Resistive Touch Screen (USB)/VGA/DVI Input
AL-220R3D1B-C102	Industrial 22" TFT 250cd/m² Chassis LCD Monitor with 5-Wire Resistive Touch Screen (RS-232)/VGA/DVI Input

Dimension

I-View AL-240R3

FEATURES

- 24" TFT LCD Panel Display
- High MTBF Backlight up to 50000hrs@ 25ºC
- Input Interface: VGA/DVI
- Chassis Steel Material
- Mounting Options: VESA Wall Mount
- Power Input: Internal power supply with universal / Auto-Sensing, AC 90 to 260V, 50 / 60 Hz (50W)
- Optional Resistive 5 wire Touch screen or Anti Reflective Glass Protection
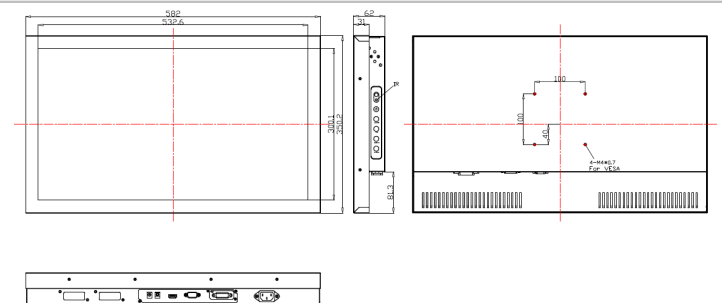
Introduction

I-View AL-240R3 Industrial Chassis TFT LCD Monitor with optional Resistive Touch screen or Anti-Reflective Glass Protection. I-View AL-240R3 offer VGA/DVI or HDMI input options for different applications.

I-View AL-240R3 is ideal for developing KIOSK, Industrial Test Equipment, Industrial Control systems, Hospitality, Marine, Defence and ATMs.

Specification

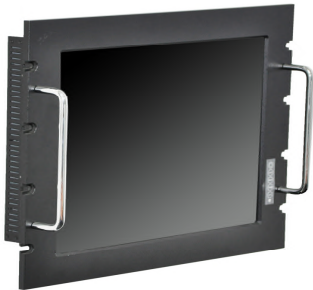| LCD	
Model	AL-240
LCD Size	24"
Resolution	1920 x 1080
Brightness	300 cd/m^2
Contrast Ratio	5000:1
Viewing Angle	178/178
Backlight	LED
Backlight MTBF	50000Hrs
LCD Color	16.7M
Pixel Pitch (mm)	0.27675
Front Frame Material	Steel
Chassis	Steel
OSD Function	Yes
Mounting	VESA
Colour	Black
Input Interface	
Input Signal	VGA/DVI
Touch screen	
Touch screen Type	5 Wire Resistive
Touch screen Controller	USB/RS-232
Power Requirement	
DC Input	-
Power Supply	Internal power supply with universal / Auto-Sensing, AC 90 to 260V, 50 / 60 Hz (50W)
Mechanical & Environment	
Dimension	582.0 x 350.2 x 62.0 mm
Weight	Gross 10kg
Operation temperature	0º C ~ 50º C (32º F ~ 122º F)
Storage temperature	- 20º C ~ 60º C (- 4º F ~ 140º F)
Relative humidity	10% to 90% (Non-Condensing)
Front Bezel protection	-
Ordering Information	
AL-240DiB-C100	Industrial 24" TFT 300cd/m^2 Chassis LCD Monitor with Anti-Reflective Glass Protection/VGA/DVI Input
AL-240R3D1B-C101	Industrial 24" TFT 300cd/m^2 Chassis LCD Monitor with 5-Wire Resistive Touch Screen (USB)/VGA/DVI Input
AL-240R3D1B-C102	Industrial 24" TFT 300cd/m^2 Chassis LCD Monitor with 5-Wire Resistive Touch Screen (RS-232)/VGA/DVI Input

Dimension

I-View RK-150R3

Industrial 15" TFT Rack Mount LCD Monitor with optional Resistive Touch Screen or Anti Reflective Glass Protection

FEATURES

- 15" TFT LCD Panel Display
- High MTBF Backlight up to 30000hrs@ 25°C
- Input Interface: VGA/DVI
- Front Bezel Compliant with IP65 sealing
- Front Bezel Aluminium and Chassis Steel Material
- Mounting Options: Rack Mount or VESA Wall Mount
- Power Input: 12V DC Input, 48W AC/DC Power Adapter
- Optional Resistive 5 wire Touch screen or Anti Reflective Glass Protection

Introduction

I-View RK-150R3 Industrial Rack Mount TFT LCD Monitor with optional Resistive Touch screen or Anti-Reflective Glass Protection. I-View RK-150R3 offers three different types of input options for different applications.

I-View RK-150R3 is ideal for developing KIOSK, Industrial Test Equipment, Industrial Control systems, Hospital Display, Marine, Defence and ATMs.

Dimension

Specification

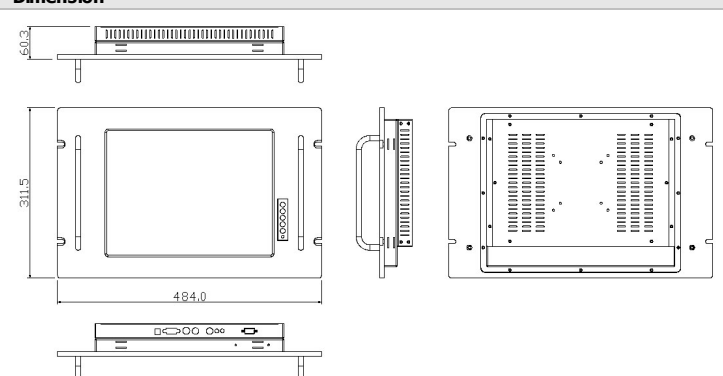| LCD	
Model	**RK-150R3**
LCD Size	15"
Resolution	1024 x 768
Brightness	350 cd/m2
Contrast Ratio	700:1
Viewing Angle	170/160
Backlight	LED
Backlight MTBF	30000Hrs
LCD Color	16.2M./ 262K
Pixel Pitch (mm)	0.297
Front Frame Material	Aluminium
Chassis	Steel
OSD Function	Yes
Mounting	Rack Mount/VESA
Colour	Black
Input Interface	
Input Signal	VGA/DVI
Touch screen	
Touch screen Type	5 Wire Resistive
Touch screen Controller	USB/RS-232
Power Requirement	
DC Input	12V
Power Supply	48W AC/DC Power Adapter
Mechanical & Environment	
Dimension	484(W) x 311.5(H) x 60.3(D) mm
Weight	Gross 5.5kg
Operation temperature	0°C to 60°C (32° F to 140° F)
Storage temperature	-20°C to 80°C (-68° F to 176° F)
Relative humidity	5% to 95% (Non-Condensing)
Vibration	5-17Hz 0.1" double amplitude displacement 17-640Hz 1.5G Acceleration peak to peak
Shock	10G acceleration peak to peak (11ms)
Front Bezel protection	IP65 Compliant
Ordering Information	
RK-150R3D1B-C100	Industrial 15" TFT 350cd/m² Rack Mount LCD Monitor with Anti Reflective Glass Protection/VGA/DVI Input
RK-150R3D1B-C101	Industrial 15" TFT 350cd/m² Rack Mount LCD Monitor with 5-Wire Resistive Touch Screen (USB)/VGA/DVI Input
RK-150R3D1B-C102	Industrial 15" TFT 350cd/m² Rack Mount LCD Monitor with 5-Wire Resistive Touch Screen (RS-232)/VGA/DVI Input

I-View RK-170R3

FEATURES

- 17" TFT LCD Panel Display
- High MTBF Backlight up to 50000hrs@ 25°C
- Input Interface: VGA/DVI
- Front Bezel Compliant with IP65 sealing
- Front Bezel Aluminium and Chassis Steel Material
- Mounting Options: Rack Mount or VESA Wall Mount
- Power Input: 12V DC Input, 48W AC/DC Power Adapter
- Optional Resistive 5 wire Touch screen or Anti Reflective Glass Protection

Introduction

I-View RK-170R3 Industrial Rack Mount TFT LCD Monitor with optional Resistive Touch screen or Anti-Reflective Glass Protection. I-View RK-170R3 offers three different types of input options for different applications.

I-View RK-170R3 is ideal for developing KIOSK, Industrial Test Equipment, Industrial Control systems, Hospital Display, Marine, Defence and ATMs.
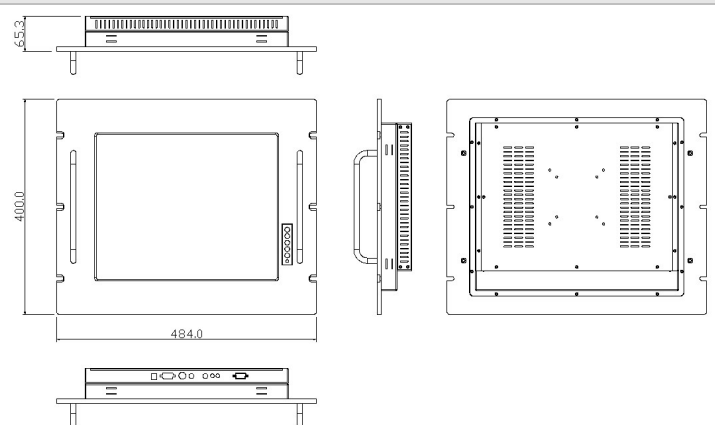
Specification

LCD	
Model	**RK-170R3**
LCD Size	17"
Resolution	1280 x 1024
Brightness	350 cd/m2
Contrast Ratio	800:1
Viewing Angle	160/140
Backlight	LED
Backlight MTBF	50000Hrs
LCD Color	16.7M
Pixel Pitch (mm)	0.264
Front Frame Material	Aluminium
Chassis	Steel
OSD Function	Yes
Mounting	Rack Mount
Colour	Black
Input Interface	
Input Signal	VGA/DVI
Touch screen	
Touch screen Type	5 Wire Resistive
Touch screen Controller	USB/RS-232
Power Requirement	
DC Input	12V
Power Supply	48W AC/DC Power Adapter
Mechanical & Environment	
Dimension	484(W) x 400(H) x 65.3(D) mm
Weight	Gross 7.5kg
Operation temperature	0°C to 60°C (32° F to 140° F)
Storage temperature	-20°C to 80°C (-68° F to 176° F)
Relative humidity	5% to 95% (Non-Condensing)
Vibration	5-17Hz 0.1" double amplitude displacement 17-640Hz 1.5G Acceleration peak to peak
Shock	10G acceleration peak to peak (11ms)
Front Bezel protection	IP65 Compliant
Ordering Information	
RK-170R3D1B-C100	Industrial 17" TFT 350cd/m2 Rack Mount LCD Monitor with Anti Reflective Glass Protection/VGA/DVI Input
RK-170R3D1B-C101	Industrial 17" TFT 350cd/m2 Rack Mount LCD Monitor with 5-Wire Resistive Touch Screen (USB)/VGA/DVI Input
RK-170R3D1B-C102	Industrial 17" TFT 350cd/m2 Rack Mount LCD Monitor with 5-Wire Resistive Touch Screen (RS-232)/VGA/DVI Input

Dimension

65.3

400.0

484.0

I-View RK-190R3

FEATURES

- 19" TFT LCD Panel Display
- High MTBF Backlight up to 50000hrs@ 25°C
- Input Interface: VGA/DVI
- Front Bezel Compliant with IP65 sealing
- Front Bezel Aluminium and Chassis Steel Material
- Mounting Options: Rack Mount or VESA Wall Mount
- Power Input: 12V DC Input, 48W AC/DC Power Adapter
- Optional Resistive 5 wire Touch screen or Anti Reflective Glass Protection

Introduction

I-View RK-190R3 Industrial Panel Mount TFT LCD Monitor with optional Resistive Touch screen or Anti Reflective Glass Protection. I-View RK-190R3 offers three different types of input options for different applications.

I-View RK-190R3 is ideal for developing KIOSK, Industrial Test Equipment, Industrial Control systems, Hospital Display, Marine, Defence and ATMs.

Specification

LCD

Model	RK-190R3
LCD Size	19"
Resolution	1280 x 1024
Brightness	350 cd/m2
Contrast Ratio	2000:1
Viewing Angle	178/178
Backlight	LED
Backlight MTBF	50000Hrs
LCD Color	16.7M
Pixel Pitch (mm)	0.294
Front Frame Material	Aluminium
Chassis	Steel
OSD Function	Yes
Mounting	Rack Mount/VESA
Colour	Black

Input Interface

Input Signal	VGA/DVI

Touch screen

Touch screen Type	5 Wire Resistive
Touch screen Controller	USB/RS-232

Power Requirement

DC Input	12V
Power Supply	48W AC/DC Power Adapter

Mechanical & Environment

|	
Dimension	484 (W) x 400(H) x 65.3(D) mm
Weight	Gross 7.5kg
Operation temperature	0°C to 60°C (32° F to 140° F)
Storage temperature	-20°C to 80°C (-68° F to 176° F)
Relative humidity	5% to 95% (Non-Condensing)
Vibration	5-17Hz 0.1" double amplitude displacement 17-640Hz 1.5G Acceleration peak to peak
Shock	10G acceleration peak to peak (11ms)
Front Bezel protection	IP65 Compliant

Ordering Information

RK-190R3D1B-C100	Industrial 19" TFT 350cd/m^2 Rack Mount LCD Monitor with Anti Reflective Glass Protection/VGA/DVI Input
RK-190R3D1B-C101	Industrial 19" TFT 350cd/m^2 Rack Mount LCD Monitor with 5-Wire Resistive Touch Screen (USB)/VGA/DVI Input
RK-190R3D1B-C102	Industrial 19" TFT 350cd/m^2 Rack Mount LCD Monitor with 5-Wire Resistive Touch Screen (RS-232)/VGA/DVI Input

Dimension

65.3

400.0

484.0
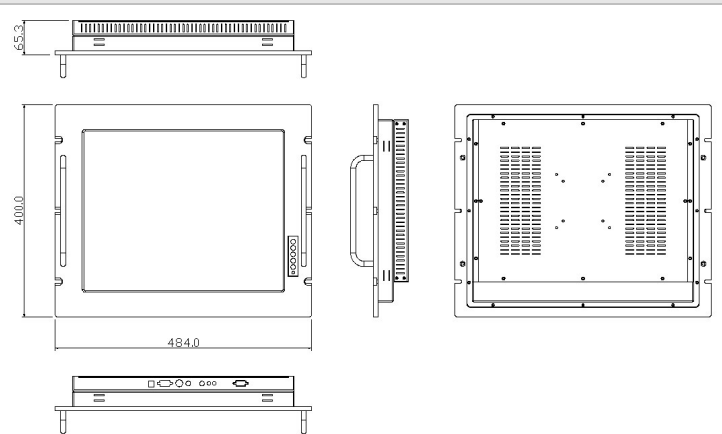
ML-V RUGGED MONITOR

I-View ML-V150R3

FEATURES

- 15" TFT LCD Panel Display
- High MTBF Backlight up to 50000hrs@ 25ºC
- Input Interface: VGA/DVI
- Chassis Steel Material
- Mounting Options: VESA Wall Mount
- Power Input: 12V DC Input, 48W AC/DC Power Adapter
- Optional Resistive 5 wire Touch screen or Anti Reflective Glass Protection

Introduction

I-View™ ML-V150R3 Industrial Rugged TFT LCD Monitor with optional Resistive Touch screen or Anti-Reflective Glass Protection. I-View ML-V150R3 offer three different types of input options for different applications.

I-View™ ML-V150R3 is ideal for developing KIOSK, Industrial Test Equipment, Industrial Control systems, Hospital Display, Marine, Defence and ATMs

Dimension

Specification

LCD	
Model	**ML-V150R3**
LCD Size	15"
Resolution	1024 x 768
Brightness	350 cd/m2
Contrast Ratio	700:1
Viewing Angle	170/160
Backlight	LED
Backlight MTBF	30000Hrs
LCD Color	16.2M./ 262K
Pixel Pitch (mm)	0.297
Front Frame Material	Steel
Chassis	Steel
OSD Function	Yes
Mounting	VESA
Colour	Black
Input Interface	
Input Signal	VGA/DVI
Touch screen	
Touch screen Type	5 Wire Resistive
Touch screen Controller	USB/RS-232
Power Requirement	
DC Input	12V
Power Supply	48W AC/DC Power Adapter
Mechanical & Environment	
Dimension	346(W) x 270(H) x 55(D) mm
Weight	Gross 4kg
Operation temperature	0ºC to 60ºC (32° F to 140° F)
Storage temperature	-20ºC to 80ºC (-68° F to 176° F)
Relative humidity	5% to 95% (Non-Condensing)
Vibration	5-17Hz 0.1" double amplitude displacement 17-640Hz 1.5G Acceleration peak to peak
Shock	10G acceleration peak to peak (11ms)
Front Bezel protection	-
Ordering Information	
ML-V150D1B-C100	Industrial 15" TFT 350cd/m² Rugged LCD Monitor with Anti Reflective Glass Protection/VGA/DVI Input (Color : Black)
ML-V150D1B-C101	Industrial 15" TFT 350cd/m² Rugged LCD Monitor with 5-Wire Resistive Touch Screen (USB)/VGA/DVI Input (Color : Black)
ML-V150D1B-C102	Industrial 15" TFT 350cd/m² Rugged LCD Monitor with 5-Wire Resistive Touch Screen (RS-232)/VGA/DVI Input (Color : Black)
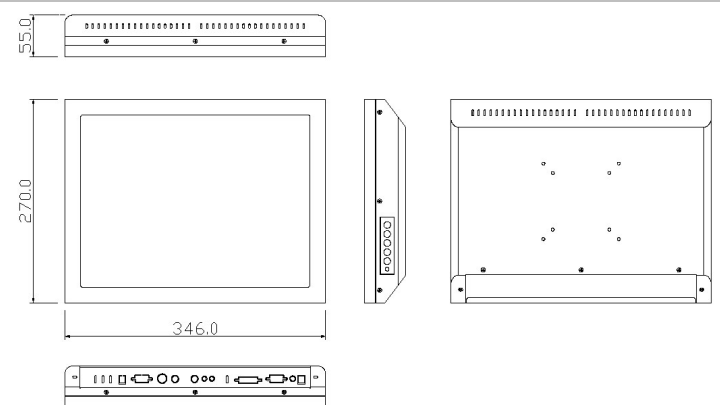
I-View ML-V170R3

Industrial 17" TFT Rugged LCD Monitor with optional Resistive Touch Screen or Anti Reflective Glass Protection

FEATURES

- 17" TFT LCD Panel Display
- High MTBF Backlight up to 30000hrs@ 25°C
- Input Interface: VGA/DVI
- Chassis Steel Material
- Mounting Options: Rugged or VESA Wall Mount
- Power Input: 12V DC Input, 48W AC/DC Power Adapter
- Optional Resistive 5 wire Touch screen or Anti Reflective Glass Protection
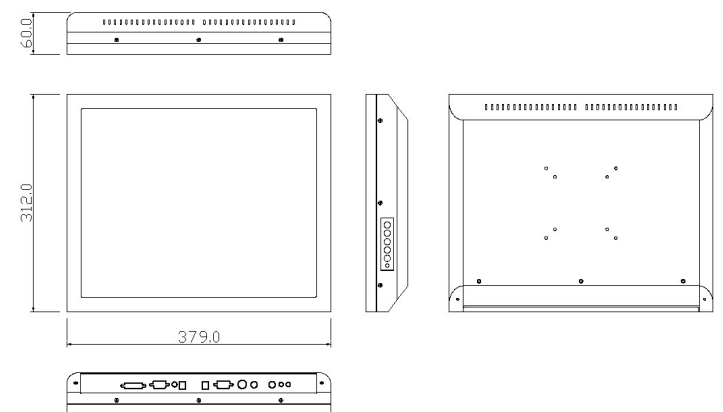
Introduction

I-View ML-V170R3 Industrial Rugged TFT LCD Monitor with optional Resistive Touch screen or Anti-Reflective Glass Protection. I-View ML-V170R3 offer three different types of input options for different applications.

I-View ML-V170R3 is ideal for developing KIOSK, Industrial Test Equipment, Industrial Control systems, Hospital Display, Marine, Defence and ATMs.

Specification

LCD	
Model	**ML-V170R3**
LCD Size	17"
Resolution	1280 x 1024
Brightness	350 cd/m2
Contrast Ratio	800:1
Viewing Angle	160/140
Backlight	LED
Backlight MTBF	50000Hrs
LCD Color	16.7M
Pixel Pitch (mm)	0.264
Front Frame Material	Steel
Chassis	Steel
OSD Function	Yes
Mounting	VESA
Colour	Black
Input Interface	
Input Signal	VGA/DVI
Touch screen	
Touch screen Type	5 Wire Resistive
Touch screen Controller	USB/RS-232
Power Requirement	
DC Input	12V
Power Supply	48W AC/DC Power Adapter
Mechanical & Environment	
Dimension	379(W) x 312(H) x 60(D) mm
Weight	Gross 5kg
Operation temperature	0°C to 60°C (32° F to 140° F)
Storage temperature	-20°C to 80°C (-68° F to 176° F)
Relative humidity	5% to 95% (Non-Condensing)
Vibration	5-17Hz 0.1" double amplitude displacement 17-640Hz 1.5G Acceleration peak to peak
Shock	10G acceleration peak to peak (11ms)
Front Bezel protection	-
Ordering Information	
ML-V170R3D1B-C000	Industrial 17" TFT 250cd/m^2 Rugged LCD Monitor with Anti Reflective Glass Protection/VGA/DVI Input (Color: Black)
ML-V170R3D1B-C001	Industrial 17" TFT 250cd/m^2 Rugged LCD Monitor with 5-Wire Resistive Touch Screen (USB)/VGA/DVI Input (Color: Black)
ML-V170R3D1B-C002	Industrial 17" TFT 250cd/m^2 Rugged LCD Monitor with 5-Wire Resistive Touch Screen (RS-232)/VGA/DVI Input (Color: Black)

Dimension

I-View ML-V190R3

FEATURES

- 19" TFT LCD Panel Display
- High MTBF Backlight up to 50000hrs@ 25°C
- Input Interface: VGA/DVI
- Chassis Steel Material
- Mounting Options: Rugged or VESA Wall Mount
- Power Input: 12V DC Input, 48W AC/DC Power Adapter
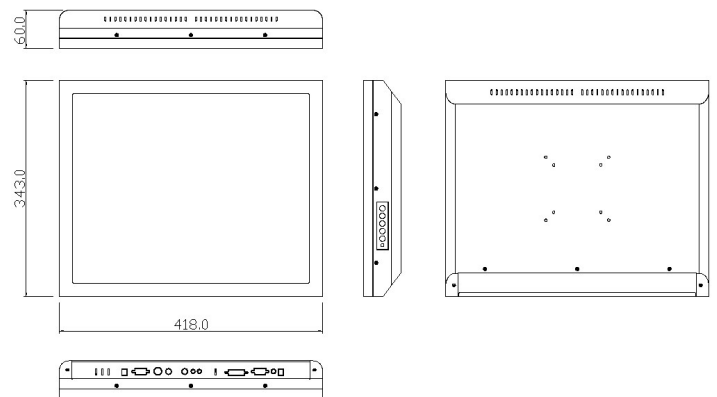- Optional Resistive 5 wire Touch screen or Anti Reflective Glass Protection

Introduction

I-View ML-V190R3 Industrial Panel Mount TFT LCD Monitor with optional Resistive Touch screen or Anti-Reflective Glass Protection. I-View ML-V190R3 offer three different types of input options for different applications.

I-View ML-V190R3 is ideal for developing KIOSK, Industrial Test Equipment, Industrial Control systems, Hospital Display, Marine, Defence and ATMs.

Specification

LCD

Model	ML-V190R3
AD Board	D1B
Resolution	1280x1024 (SXGA)
Brightness	250 cd/m²
Contrast Ratio	1000:1
Viewing Angle	170/160
Backlight	LED
Backlight MTBF	30000Hrs
LCD Color	16.7M
Pixel Pitch (mm)	0.294
Front Frame Material	Aluminium
Chassis	Steel
OSD Function	Yes
Mounting	VESA
Colour	Black

Input Interface

Input Signal	VGA/DVI

Touch screen

Touch screen Type	5 Wire Resistive
Touch screen Controller	USB/RS-232

Power Requirement

DC Input	12V
Power Supply	48W AC/DC Power Adapter

Mechanical & Environment

Dimension	418(W) x 343(H) x 60(D) mm
Weight	Gross 5.5kg
Operation temperature	0°C to 60°C (32° F to 140° F)
Storage temperature	-20°C to 80°C (-68° F to 176° F)
Relative humidity	5% to 95% (Non-Condensing)
Vibration	5-17Hz 0.1" double amplitude displacement 17-640Hz 1.5G Acceleration peak to peak
Shock	10G acceleration peak to peak (11ms)
Front Bezel protection	-

Ordering Information

ML-V190R3D1B-C100	Industrial 19" TFT 250cd/m² Rugged LCD Monitor with Anti Reflective Glass Protection/VGA/DVI Input (Color : Black)
ML-V190R3D1B-C101	Industrial 19" TFT 250cd/m² Rugged LCD Monitor with 5-Wire Resistive Touch Screen (USB)/VGA/DVI Input (Color : Black)
ML-V190R3D1B-C102	Industrial 19" TFT 250cd/m² Rugged LCD Monitor with 5-Wire Resistive Touch Screen (RS-232)/VGA/DVI Input (Color : Black)

Dimension

60.0

343.0

418.0

I-View CCTV-150R3

FEATURES

- 15" TFT LCD Panel Display
- High MTBF Backlight up to 50000hrs@ 25°C
- Input Interface: VGA/DVI
- Chassis Steel Material
- Mounting Options: Rack Mount or VESA Wall Mount
- Power Input: 12V DC Input, 48W AC/DC Power Adapter
- Optional Resistive 5 wire Touch screen or Anti Reflective Glass Protection
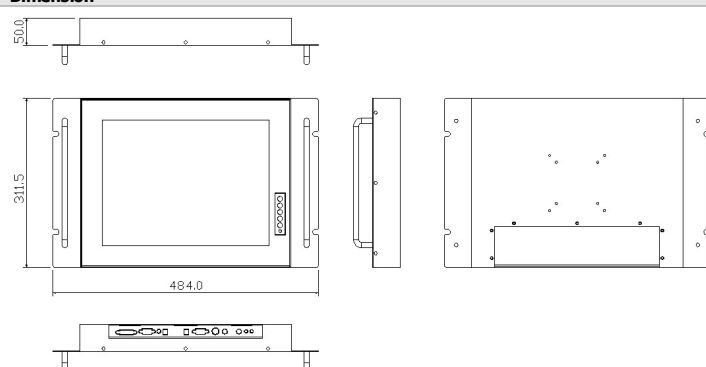
Introduction

I-View CCTV-150R3 Industrial Rack Mount TFT LCD Monitor with optional Resistive Touch screen or Anti-Reflective Glass Protection. I-View CCTV-150R3 offers three different types of input options for different applications.

I-View CCTV-150R3 is ideal for developing KIOSK, Industrial Test Equipment, Industrial Control systems, Hospital Display, Marine, Defence and ATMs

Dimension

Specification

LCD	
Model	**CCTV-150R3**
LCD Size	15"
Resolution	1024 x 768
Brightness	350 cd/m2
Contrast Ratio	700:1
Viewing Angle	170/160
Backlight	LED
Backlight MTBF	30000Hrs
LCD Color	16.2M./ 262K
Pixel Pitch (mm)	0.297
Front Frame Material	Steel
Chassis	Steel
OSD Function	Yes
Mounting	Rack Mount/VESA
Colour	Black
Input Interface	
Input Signal	VGA/DVI
Touch screen	
Touch screen Type	5 Wire Resistive
Touch screen Controller	USB/RS-232
Power Requirement	
DC Input	12V
Power Supply	48W AC/DC Power Adapter
Mechanical & Environment	
Dimension	484(W) x 311.5(H) x 50(D) mm
Weight	Gross 4kg
Operation temperature	0°C to 60°C (32° F to 140° F)
Storage temperature	-20°C to 80°C (-68° F to 176° F)
Relative humidity	5% to 95% (Non-Condensing)
Vibration	5-17Hz 0.1" double amplitude displacement 17-640Hz 1.5G Acceleration peak to peak
Shock	10G acceleration peak to peak (11ms)
Front Bezel protection	-
Ordering Information	
CCTV-150R3D1-C100	Industrial 15" TFT 350cd/m^2 Rack Mount LCD Monitor with Anti Reflective Glass Protection/ VGA/DVI input
CCTV-150R3D1-C101	Industrial 15" TFT 350cd/m^2 Rack Mount LCD Monitor with 5-Wire Resistive Touch Screen (USB)/ VGA/DVI input
CCTV-150R3D1-C102	Industrial 15" TFT 350cd/m^2 Rack Mount LCD Monitor with 5-Wire Resistive Touch Screen (RS-232)/ VGA/DVI input

I-View CCTV-170R3

Industrial 17" TFT Rack Mount LCD Monitor with optional Resistive Touch Screen or Anti Reflective Glass Protection

FEATURES

- 17" TFT LCD Panel Display
- High MTBF Backlight up to 50000hrs@ 25°C
- Input Interface: VGA/DVI
- Chassis Steel Material
- Mounting Options: Rack Mount or VESA Wall Mount
- Power Input: 12V DC Input, 48W AC/DC Power Adapter
- Optional Resistive 5 wire Touch screen or Anti Reflective Glass Protection
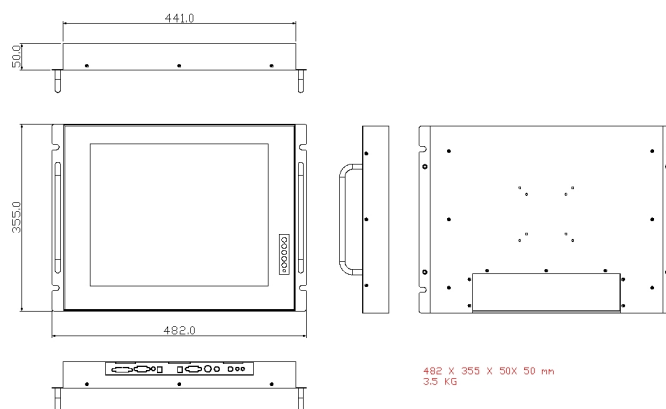
Introduction

I-View CCTV-170R3 Industrial Rack Mount TFT LCD Monitor with optional Resistive Touch screen or Anti Reflective Glass Protection. I-View CCTV-170R3 offers three different types of input options for different applications.

I-View CCTV-170R3 is ideal for developing KIOSK, Industrial Test Equipment, Industrial Control systems, Hospital Display, Marine, Defence and ATMs.

Dimension

Specification

LCD	
Model	**CCTV-170R3**
LCD Size	17"
Resolution	1280 x 1024
Brightness	350 cd/m2
Contrast Ratio	800:1
Viewing Angle	160/140
Backlight	LED
Backlight MTBF	50000Hrs
LCD Color	16.7M
Pixel Pitch (mm)	0.264
Front Frame Material	Steel
Chassis	Steel
OSD Function	Yes
Mounting	Rack Mount/VESA
Colour	Silver
Input Interface	
Input Signal	VGA/DVI
Touch screen	
Touch screen Type	5 Wire Resistive
Touch screen Controller	USB/RS-232
Power Requirement	
DC Input	12V
Power Supply	48W AC/DC Power Adapter
Mechanical & Environment	
Dimension	482(W) x 355(H) x 50(D) mm
Weight	Gross 4.5kg
Operation temperature	0°C to 60°C (32° F to 140° F)
Storage temperature	-20°C to 80°C (-68° F to 176° F)
Relative humidity	5% to 95% (Non-Condensing)
Vibration	5-17Hz 0.1" double amplitude displacement 17-640Hz 1.5G Acceleration peak to peak
Shock	10G acceleration peak to peak (11ms)
Front Bezel protection	-
Ordering Information	
CCTV-170R3D1B-C100	Industrial 17" TFT 350cd/m² Rack Mount LCD Monitor with Anti Reflective Glass Protection/VGA/DVI Input
CCTV-170R3D1B-C101	Industrial 17" TFT 350cd/m² Rack Mount LCD Monitor with 5-Wire Resistive Touch Screen (USB)/VGA/DVI Input
CCTV-170R3D1B-C102	Industrial 17" TFT 350cd/m² Rack Mount LCD Monitor with 5-Wire Resistive Touch Screen (RS-232)/VGA/DVI Input

I-View CCTV-190R3

Industrial 19" TFT Rack Mount LCD Monitor with optional Resistive Touch Screen or Anti Reflective Glass Protection

FEATURES

- 19" TFT LCD Panel Display
- High MTBF Backlight up to 50000hrs@ 25°C
- Input Interface: VGA/DVI
- Chassis Steel Material
- Mounting Options: Rack Mount or VESA Wall Mount
- Power Input: 12V DC Input, 48W AC/DC Power Adapter
- Optional Resistive 5 wire Touch screen or Anti Reflective Glass Protection

Introduction

I-View CCTV-190R3 Industrial Rack Mount TFT LCD Monitor with optional Resistive Touch screen or Anti-Reflective Glass Protection. I-View CCTV-190R3 offer three different types of input options for different applications.

I-View CCTV-190R3 is ideal for developing KIOSK, Industrial Test Equipment, Industrial Control systems, Hospital Display, Marine, Defence and ATMs.

Dimension

Specification

LCD	
Model	**CCTV-190R3**
LCD Size	19"
Resolution	1280x1024 (SXGA)
Brightness	350 cd/m^2
Contrast Ratio	1000:1
Viewing Angle	160/170
Backlight	LED
Backlight MTBF	50000Hrs
LCD Color	16.7M
Pixel Pitch (mm)	0.294
Front Frame Material	Steel
Chassis	Steel
OSD Function	Yes
Mounting	Rack Mount/VESA
Colour	Silver
Input Interface	
Input Signal	VGA/DVI
Touch screen	
Touch screen Type	5 Wire Resistive
Touch screen Controller	USB/RS-232
Power Requirement	
DC Input	12V
Power Supply	48W AC/DC Power Adapter
Mechanical & Environment	
Dimension	482(W) x 355(H) x 50(D) mm
Weight	Gross 4.5kg
Operation temperature	0°C to 60°C (32° F to 140° F)
Storage temperature	-20°C to 80°C (-68° F to 176° F)
Relative humidity	5% to 95% (Non-Condensing)
Vibration	5-17Hz 0.1" double amplitude displacement 17-640Hz 1.5G Acceleration peak to peak
Shock	10G acceleration peak to peak (11ms)
Front Bezel protection	-
Ordering Information	
CCTV-190R3D1B-C100	Industrial 19" TFT 350cd/m^2 Rack Mount LCD Monitor with Anti Reflective Glass Protection/VGA/DVI Input
CCTV-190R3D1B-C101	Industrial 19" TFT 350cd/m^2 Rack Mount LCD Monitor with 5-Wire Resistive Touch Screen (USB)/VGA/DVI Input
CCTV-190R3D1B-C102	Industrial 19" TFT 350cd/m^2 Rack Mount LCD Monitor with 5-Wire Resistive Touch Screen (RS-232)/VGA/DVI Input
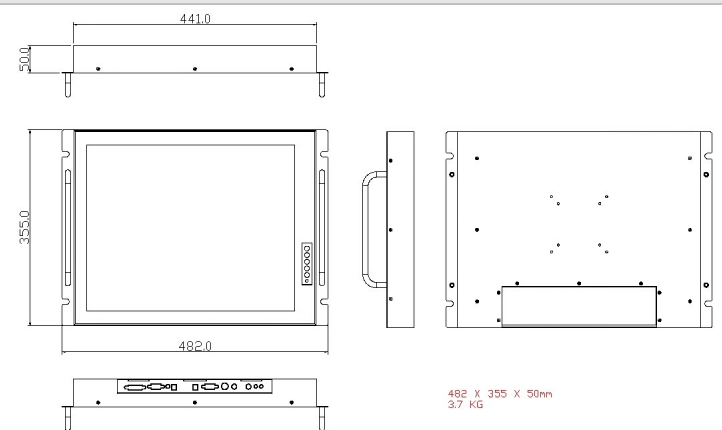
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