

I-View™ RK-185

Industrial 18.5" TFT Rack Mount LCD Monitor with optional Resistive Touch Screen/ 10 Point PCAP Touchscreen or Anti Reflective Glass Protection



FEATURES

- 18.5" TFT LCD Panel Display
- High MTBF Backlight up to 35000hrs@ 25°C
- Input Interface: VGA/DVI/HDMI
- 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
- Built in 2x Speakers
- Optional Resistive 5 wire / 10 Point PCAP Touch screen or Anti Reflective Glass Protection

Introduction

The I-View™ RK-185 Industrial Panel Mount TFT LCD Monitor is a high-performance display solution engineered for demanding industrial and commercial environments. Designed for reliability and durability, the RK-185 is available with multiple interface options including a standard display configuration, an optional Resistive Touchscreen, a 10-Point Projected Capacitive (PCAP) Touchscreen, or Anti-Reflective Protective Glass for enhanced visibility and surface protection.

To ensure seamless integration across a wide range of systems, the I-View™ RK-185 supports three versatile input options, providing flexible connectivity for diverse applications and installation requirements. Its robust construction, panel-mount design, and user-friendly interface make it suitable for both new system development and retrofit projects.

The I-View™ RK-185 is an ideal solution for applications such as Kiosks, Industrial Test Equipment, Industrial Control Systems, Hospital and Medical Displays, Marine Systems, and Defence Environments, where performance, reliability, and long-term stability are critical.

Specification

LCD	
Model	RK-185
AD Board	D4B
Resolution	1920 x 1080
Brightness	250 cd/m ²
Contrast Ratio	1200:1
Viewing Angle	160/170
Backlight	LED
Backlight MTBF	35000Hrs
LCD Color	16.7M
Pixel Pitch (mm)	0.213
Front Frame Material	Aluminium
Chassis	Steel
OSD Function	Yes
Mounting	Rack Mount/VESA
Colour	Black

Input Interface

Input Signal	VGA/DVI/HDMI
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Touch screen

Touch screen Type	5 Wire Resistive /10 Point PCAP
Touch screen Controller	USB/RS-232

Speaker

Speaker	2
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Power Requirement

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

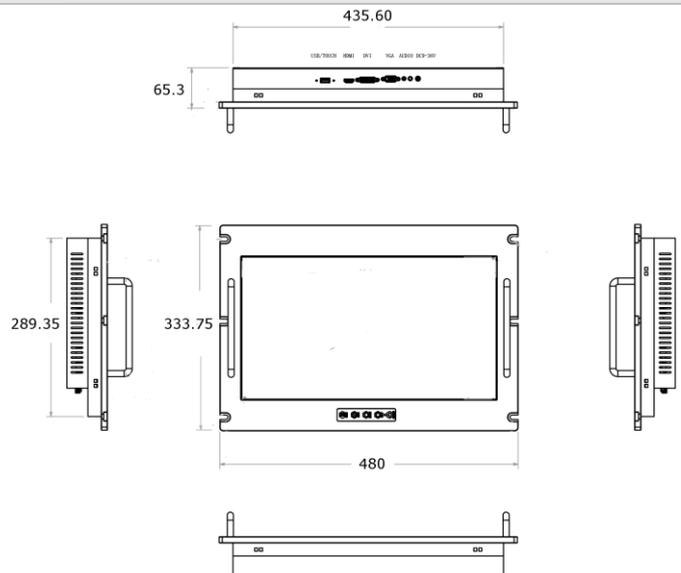
Mechanical & Environment

Dimension	480 (W) x 333.75(H) x 65.3(D) mm
Weight	Gross 7.5kg
Operation temperature	0°C to 50°C (32° F to 122° 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-185D4B-C100	Industrial 18.5" TFT 250cd/m ² Rack Mount LCD Monitor with Anti Reflective Glass Protection/VGA/DVI/HDMI Input
RK-185D4B-C101	Industrial 18.5" TFT 250cd/m ² Rack Mount LCD Monitor with 5-Wire Resistive Touch Screen (USB)/VGA/DVI/HDMI Input
RK-185D1B-C102	Industrial 18.5" TFT 250cd/m ² Rack Mount LCD Monitor with 5-Wire Resistive Touch Screen (RS-232)/VGA/DVI/HDMI Input
RK-185D4B-C109	Industrial 18.5" TFT 250cd/m ² Rack Mount LCD Monitor with 10

Dimension



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