



Key Benefits

- ▶ 1920 x 1200 WUXGA native resolution
- ▶ 16.7 M colors
- ▶ HDMI 1.4 + DVI-D + VGA
- ▶ PIP Sub-screen & PBP Dual-screen viewing efficiency
- ▶ Video decoding capability up to 1080p (option)
- ▶ Rugged structure ensures high mobility
- ▶ Universal mount
- ▶ Professional-use durability & around-the-clock operation

Applications

- Broadcasting / Advertising
- Traffic control / Command center
- Directory / Ticket kiosk
- Surveillance system
- Vehicle mount display
- Bathroom TV

Options

Video Management & Transmission over Network

- Embedded Multi Monitor OSD Control Module over serial
- Embedded 3G / HD / SD-SDI Input Module
- Embedded Auto / Manual Brightness Dimming Module

Bezel & Frame Customization

- Dimension
- Color & Treatment
- Screen Printing
- Stainless Steel Bezel

Touchscreen & Glass Protection

- Resistive 1-point Touch (Not available with IP65 option)
- Anti-reflective Glass
- Vandal Proof Glass

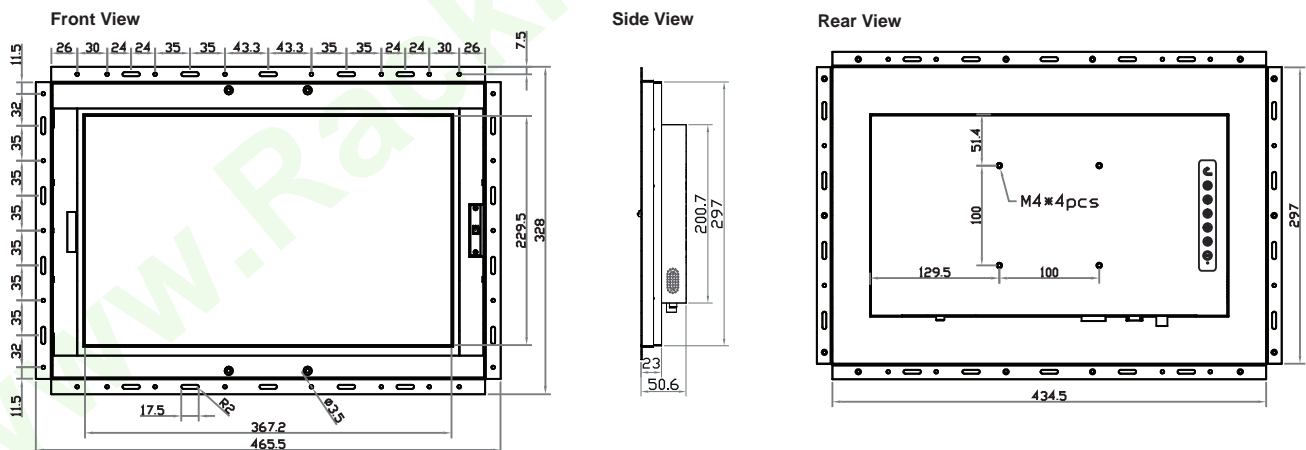
DC Power & connector

- 12V / 24V / 48V / 110V / 125V / 250VDC
- MIL-type or lockable connector

Mounting

- VESA mount kit

Diagrams (mm)



Product Specifications

LCD Panel	
Panel size (diagonal)	16.2-inch widescreen TFT color LCD
Native resolution	1920 x 1200
Brightness (cd/m ²)	300
Contrast ratio (typ.)	800 : 1
Colors	16.7 M, 8-bit
Viewing angle (L/R/U/D)	89/89/89/89
Response time (ms)	30
Dot pitch (mm)	0.191
Display area (mm)	343.8H x 214.9V
Surface treatment	Anti-glare, Hard-coating
Surface hardness	3H
Backlight type	LED
MTBF (hrs)	20,000

Video	
Digital :	
DVI	DVI-D single link
HDMI	HDMI 1.4 / HDCP 1.4
Analog :	
VGA	Analog 0.7Vp-p

Audio (option)	
Audio input :	
Connector	3.5mm stereo jack
Impedance / Power level	30kΩ / 750mV
Audio output :	
Connector	3.5mm stereo jack
Resistance / Power level	30kΩ / 2.8V
Speaker :	
Dual stereo speaker	2W x 2

*When the audio output is connected, speaker output is OFF

Power	
Input	Auto-sensing 100 to 240VAC, 50 / 60Hz
Consumption :	
Screen on	Max. 34W
Power saving mode	Max. 4W
Power button on	Max. 1W

Environment	
Operating temp.	0 to 55°C degree
Storage temp.	-20 to 60°C degree
Operating humidity	20-90%, non-condensing
Storage humidity	5 -90%, non-condensing
Operating altitude	16,000 ft
Non-operating altitude	40,000 ft
Shock	10G acceleration (11ms duration)
Vibration	10-300Hz 0.5G RMS random vibration

Design	
Protection	-
Front panel	open frame
Rear casing	Black, RAL 9005

Mounting	
VESA mount	100 x 100 mm
Universal mount	bundled
Desktop stand	option
Wall mount	option

Physical	
Product (W x D x H) :	
mm	465.5 x 50.6 x 328
inch	18.3 x 2 x 12.9
Net weight	3.8 kg / 8.4 lb

Compliance	
EMC	FCC & CE certified
Safety	CE / LVD certified
Environment	RoHS2 & REACH compliant

DVI-D / VGA input	
PC signal	1920 x 1200 x 60Hz 1360 x 768 x 60Hz 1280 x 1024 x 60 / 75Hz 1280 x 960 x 60Hz 1280 x 768 x 60 / 75Hz 1152 x 864 x 75Hz 1024 x 768 x 60 / 70 / 75Hz 848 x 480 x 60Hz 800 x 600 x 60 / 72 / 75Hz 720 x 400 x 70Hz 640 x 480 x 60 / 72 / 75Hz 640 x 400 x 70Hz 640 x 350 x 70Hz
Audio signal	2ch Linear PCM

HDMI input	
PC signal	Same as VGA
HDMI 1.4 / 1.3	1920 x 1080 x 50 / 60Hz (1080p) 1920 x 1080 x 25 / 30Hz (1080i) 1280 x 720 x 50 / 60Hz (720p) 720 x 480 x 50 / 60Hz (576p / 480p)
Audio signal	2ch Linear PCM