

Key Benefits

- ▶ 1920 x 1080 native UHD resolution
- ▶ 1.07 billion colors (10-bit)
- ▶ DVI-D / VGA / HDMI / DP video input
- ▶ Display port video input (option)
- ▶ 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 HDMI Decoder Module 1080p over IP
- Embedded HDMI Receiver Module 1080p
- Embedded HDMI Quad Display Module 1080p
- Embedded Multi Monitor OSD Control Module over serial
- Embedded 3G / HD / SD-SDI Input Module
- Embedded Portrait Mode Module
- Embedded Auto / Manual Brightness Dimming Module

Bezel & Frame Customization

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

Touchscreen & Glass Protection

- Anti-reflective Glass
- Vandal Proof Glass

DC Power & connector

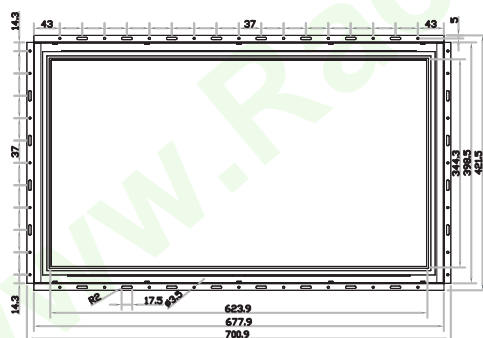
- 12V / 24V / 48V / 110V / 125V / 250VDC
- MIL-type or lockable connector

Mounting

- VESA mount kit

Diagrams (mm)

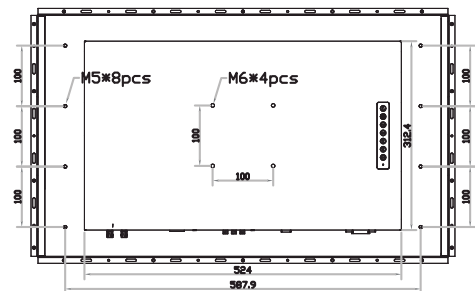
Front View



Side View



Rear View



Product Specifications

LCD Panel	
Panel size (diagonal)	28-inch widescreen TFT color LCD
Native resolution	1920 x 1080
Brightness (cd/m ²)	300
Contrast ratio (typ.)	1000 : 1
Colors	1.07 Billion, 10-bit
Viewing angle (L/R/U/D)	85/85/80/80
Response time (ms)	5
Dot pitch (mm)	0.181
Display area (mm)	620.93H x 341.28V
Surface treatment	Anti-glare
Surface hardness	3H
Backlight type	LED
MTBF (hrs)	30,000

Video	
VGA	Analog 0.7Vp-p
DVI	DVI-D single link

Video Option	
Display port	DP1.0 / HDCP 1.3
HDMI	HDMI 1.4 / HDCP 1.4
Composite (BNC)	NTSC & PAL

Audio	
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	10W 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. 52W
Power saving mode	Max. 9W
Power button on	Max. 2W

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	ID-E28Pw
Protection	-
Front panel	open frame
Rear casing	Black, RAL 9005

Mounting	ID-E28Pw
VESA mount	100 x 100 mm
Universal mount	bundled
Desktop stand	-
Wall mount	-

Physical	ID-E28Pw
Product (W x D x H) :	
mm	700.9 x 65 x 421.5
inch	27.6 x 2.6 x 16.6
Net weight	12.7 kg / 27.9 lb

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

DVI-D / VGA input	HDMI input	Display port input
PC signal : 1920 x 1080 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	PC signal : Same as VGA HDMI 1.4 : 1920 x 1080 x 50 / 60Hz 1920 x 1080 x 25 / 30Hz 1280 x 720 x 50 / 60Hz 720 x 480 x 50 / 60Hz	PC signal : 1920 x 1080 x 60Hz 1600 x 1200 x 60Hz 1360 x 768 x 60Hz 1280 x 768 x 60 / 75Hz 1280 x 768 x 60Hz 1024 x 768 x 60 / 70 / 75Hz 800 x 600 x 60 / 72 / 75Hz 720 x 400 x 70Hz 640 x 480 x 60 / 72 / 75Hz
Audio signal : 2ch Linear PCM	Audio signal : 2ch Linear PCM	Audio signal : 2ch Linear PCM