

Key Benefits

- ▶ 1920 x 1080 native FHD resolution
- ▶ 16.7 million colors (8-bit)
- ▶ DVI-D / VGA video input
- ▶ DP / HDMI video input (option)
- ▶ Video decoding capability up to 1080p (option)
- ▶ Rugged structure ensures high mobility
- ▶ IP65 front protection (option)
- ▶ 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**

- HDMI Decoder & Extender
- Multi Monitor OSD Control Module
- 3G / HD / SD-SDI Input Module

Bezel & Frame Customization

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

Touchscreen & Glass Protection

- Projected Capacitive 10-point Touch (Not available in Aw/AwN series)
- Resistive 1-point Touch (Not available with IP65 option)
- IP65 front protection
- Anti-reflective Glass
- Vandal Proof Glass

DC Power & connector

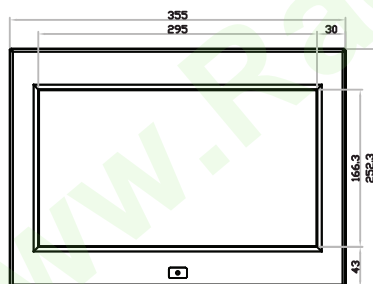
- 12V / 24V / 48V / 110V / 125V / 250VDC
- MIL-type or lockable connector

Mounting

- VESA mount kit
- Desktop stand
- Wall mount

Diagrams (mm)

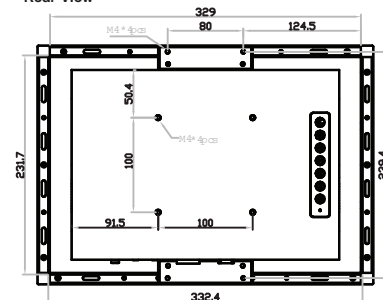
Front View



Side View



Rear View



Product Specifications

LCD Panel	
Panel size (diagonal)	13-inch widescreen TFT color LCD
Native resolution	1920 x 1080
Brightness (cd/m ²)	300
Contrast ratio (typ.)	800 : 1
Colors	16.7M, 8-bit
Viewing angle (L/R/U/D)	85/85/85/85
Response time (ms)	25
Dot pitch (mm)	0.1529
Display area (mm)	293.76H x 165.24V
Surface treatment	Anti-glare
Surface hardness	3H
Backlight type	LED
MTBF (hrs)	15,000

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

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	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. 9W
Power saving mode	Max. 2W
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	ID-E13Aw	ID-E13AwN
Protection	6mm front bezel	NEMA 4 / IP65
Front panel	Black, RAL 9005	
Rear casing	Black, RAL 9005	

Mounting	ID-E13Aw / ID-E13AwN
VESA mount	100 x 100 mm
Universal mount	-
Desktop stand	option
Wall mount	option

Physical	ID-E13Aw / ID-E13AwN	
Product (W x D x H) :		
mm	355 x 54.9 x 252.3	
inch	14 x 2.2 x 9.9	
Net weight	- kg / - lb	- kg / - lb

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

Applicable Format				
DVI-D / VGA Input	PC Signal	:1920 x 1080 x 60Hz		
		:1680 x 1050 x 60Hz		
		:1440 x 900 x 60Hz		
		:1360 x 768 x 60Hz		
		:1280 x 1024 x 60Hz		
		:1280 x 768 x 60Hz		
		:1280 x 720 x 60Hz		
		:1152 x 864 x 60Hz		
		:1024 x 768 x 60Hz		
		:800 x 600 x 60Hz		
HDMI Input	HDMI 1.4	:640 x 480 x 60Hz		
		:2ch Linear PCM		
Display port Input	PC Signal	:Same as VGA		
		: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)		
		:2ch Linear PCM		
		DVI-D / VGA Input	PC Signal	:1920 x 1080 x 60Hz
				:1680 x 1050 x 60Hz
				:1440 x 900 x 60Hz
				:1360 x 768 x 60Hz
:1280 x 1024 x 60Hz				
:1280 x 768 x 60Hz				
:1280 x 720 x 60Hz				
:1152 x 864 x 60Hz				
:1024 x 768 x 60Hz				
:800 x 600 x 60Hz				
HDMI Input	HDMI 1.4	:640 x 480 x 60Hz		
		:2ch Linear PCM		

* In some circumstances, if the user connects the LCD to PC via HDMI port for video and audio signals, the LCD may display incorrectly on a full screen. If so, please adjust the display card setting on display size to fix the issue.