MON1000APH Series

10.4 ~ 21.5” High Brightness Projected Capacitive Touch Monitors



- Seven Display Sizes from 10.4” to 21.5”
- 1000 NITS High Brightness Display Panels
- Projected Capacitive Touch
- VGA, DVI-D, DisplayPort and HDMI® Inputs
- VESA-100 or Panel Mount Design

I/O Ports	**Audio**	N/A			
	Power	DC power input jack, thumbscrew secured.			
	Power Switch	1 x Momentary Pushbutton with Integrated LED			
	Display Interface Options	1 x VGA 1 x DVI-D 1 x DisplayPort 1.2 1 x HDMI® 1.4a			
	USB	1 x Type-B USB 2.0 Client Port (For Touch Interface)			
Touch Screen	**Type**	Projected Capacitive Touch			
	Interface	USB			
Display	**Display Type**	**10.4” TFT XGA LCD**	**12.1” TFT XGA LCD**	**15” TFT XGA LCD**	**15.6” Widescreen TFT FHD LCD**
	Resolution	1024 x 768	1024 x 768	1024 x 768	1920 x 1080
	Max. Color	16.2 M	16.2 M	16.2 M	16.2 M
	Luminance (cd/m²)	**1000**	**1000**	**1000**	**1000**
	View Angle (H°/V°)	160/160	170/170	170/160	170/170
	Contrast Ratio	1000:1	700:1	2000:1	500:1
	Backlight Lifetime (hrs)	30,000+	30,000+	30,000+	50,000+
Electrical	**Input Voltage**	12~24 VDC	12~24 VDC	12~24 VDC	12~24 VDC
	Input Current	0.48~0.96 A	0.50~1.00 A	0.75~1.50 A	1.00~2.00 A
	Input Power	11.5 W	12 W	18 W	24 W
Mechanical	**Dimension (W x H x D)**	11.58 x 8.90 x 2.16” [294 x 226 x 54.9 mm]	12.48 x 9.65 x 2.16” [317 x 245 x 54.9 mm]	13.98 x 11.42 x 2.16” [355 x 290 x 54.9 mm]	15.75 x 9.84 x 1.90” [400 x 250 x 48.3 mm]
	Net Weight	6.17 lbs [2.8 kg]	6.61 lbs [3.0 kg]	9.04 lbs [4.1 kg]	9.04 lbs [4.1 kg]
	Panel Cutout Dimensions (W x H)	10.63 x 7.95” [270 x 202 mm]	11.54 x 8.70” [293 x 221 mm]	13.03 x 10.47” [331 x 266 mm]	14.57 x 8.90” [370 x 226 mm]
	Construction	Aluminum Front Bezel / Steel Chassis			
	Rating	IP65 compliant front panel, NEMA 4 when panel mounted			
	Mounting	Panel mounting, VESA 100 x 100			
Environmental	**Operating Temperature**	32~104°F [0~40°C]			
	Storage Temperature	-22~175°F [-30~80°C]			
	Storage Humidity	10 to 90% @ 40°C, non-condensing			
	Shock Resistance	10G acceleration peak to peak, 11ms duration			
	Vibration Resistance	5~17 Hz, 0.1” double amplitude peak to peak, 1.5G acceleration peak to peak			
	Certifications	CE / FCC Class B / RoHS			
Notes	Specifications subject to change without notice.				

MON1000APH Series

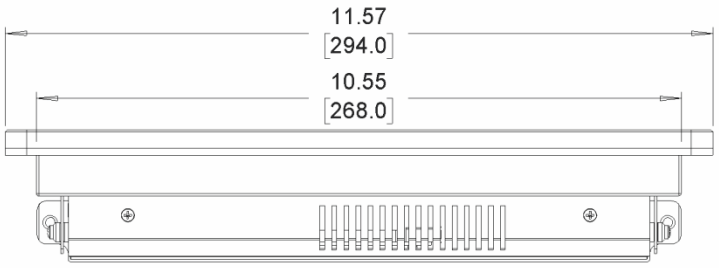
10.4 ~ 21.5” High Brightness Projected Capacitive Touch Monitors



- Seven Display Sizes from 10.4” to 21.5”
- 1000 NITS High Brightness Display Panels
- Projected Capacitive Touch
- VGA, DVI-D, DisplayPort and HDMI® Inputs
- VESA-100 or Panel Mount Design

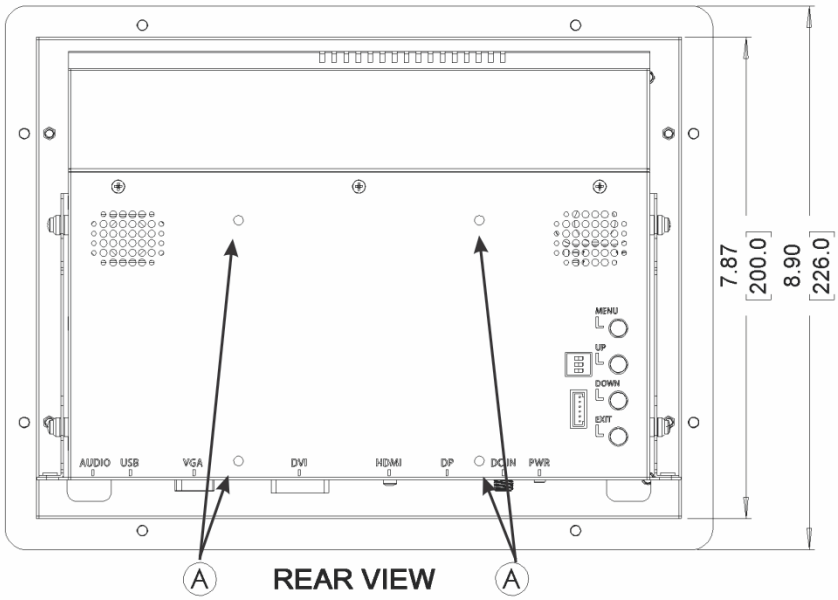
I/O Ports	**Audio**	N/A		
	Power	DC power input jack, thumbscrew secured.		
	Power Switch	1 x Momentary Pushbutton with Integrated LED		
	Display Interface Options	1 x VGA 1 x DVI-D 1 x DisplayPort 1.2 1 x HDMI® 1.4a		
	USB	1 x Type-B USB 2.0 Client Port (For Touch Interface)		
Touch Screen	**Type**	Projected Capacitive Touch		
	Interface	USB		
Display	**Display Type**	**17” TFT SXGA LCD**	**19” TFT SXGA LCD**	**21.5” Widescreen TFT FHD LCD**
	Resolution	1280 x 1024	1280 x 1024	1920 x 1080
	Max. Color	16.2 M	16.2 M	16.2 M
	Luminance (cd/m²)	**1000**	**1000**	**1000**
	View Angle (H°/V°)	160/160	160/160	170/160
	Contrast Ratio	1000:1	1000:1	3000:1
	Backlight Lifetime (hrs)	30,000+	30,000+	30,000+
Electrical	**Input Voltage**	12~24 VDC	12~24 VDC	12~24 VDC
	Input Current	0.92~1.83 A	0.96~1.92 A	1.52~3.04 A
	Input Power	22 W	23 W	36.5 W
Mechanical	**Dimension (W x H x D)**	15.23 x 13.09 x 2.16” [386.9 x 332.5 x 54.9 mm]	17.44 x 14.49 x 1.98” [443 x 368 x 50.3 mm]	20.63 x 13.00 x 2.16” [524 x 330.2 x 54.9 mm]
	Net Weight	9.92 lbs [4.5 kg]	15.65 lbs [7.1 kg]	15.21 lbs [6.9 kg]
	Panel Cutout Dimensions (W x H)	14.29 x 12.17” [363 x 309 mm]	16.69 x 13.82” [424 x 351 mm]	19.82 x 12.09” [503.5 x 307 mm]
	Construction	Aluminum Front Bezel / Steel Chassis		
	Rating	IP65 compliant front panel, NEMA 4 when panel mounted		
	Mounting	Panel mounting, VESA 100 x 100		
Environmental	**Operating Temperature**	32~104°F [0~40°C]		
	Storage Temperature	-22~175°F [-30~80°C]		
	Storage Humidity	10 to 90% @ 40°C, non-condensing		
	Shock Resistance	10G acceleration peak to peak, 11ms duration		
	Vibration Resistance	5~17 Hz, 0.1” double amplitude peak to peak, 1.5G acceleration peak to peak		
	Certifications	CE / FCC Class B / RoHS		
Notes	Specifications subject to change without notice.			

MON1010APHv2

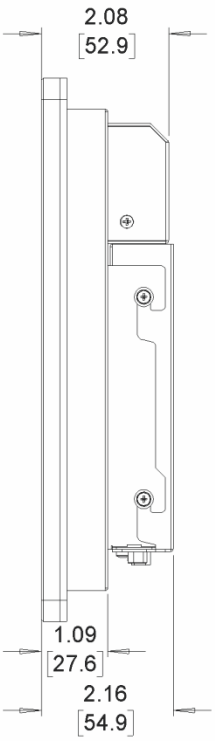


TOP VIEW

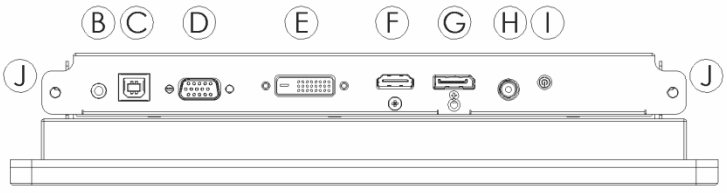
DIMENSIONS ARE IN INCHES [MM]



REAR VIEW



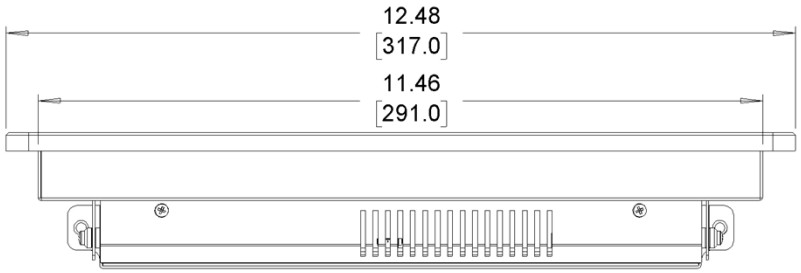
SIDE VIEW



BOTTOM VIEW

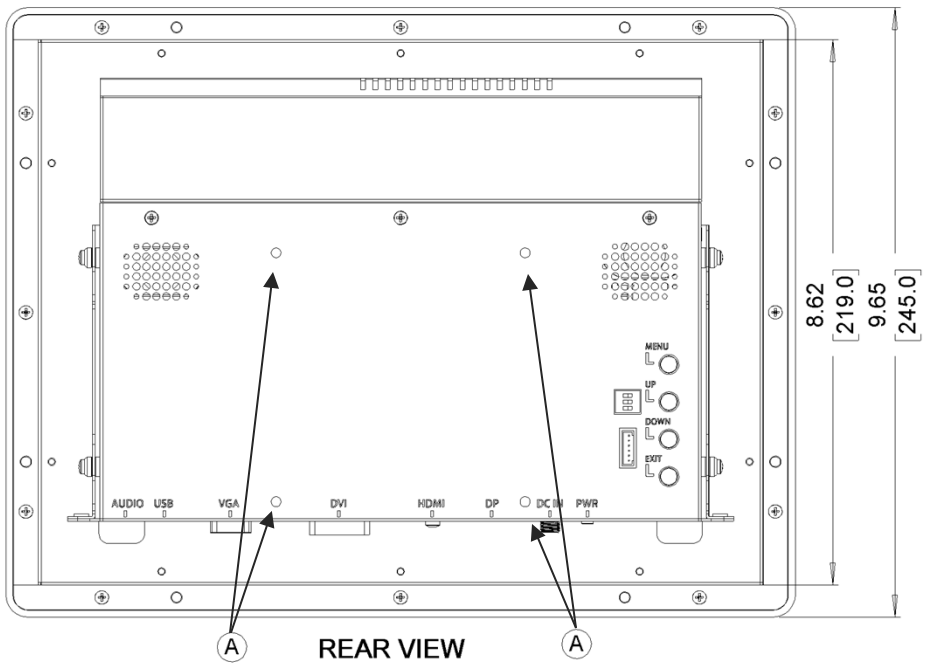
- **A** VESA 100 x 100 Mounting
- **B** Audio Port (Non-Functional)
- **C** USB 2.0 Type-B Client Port
- **D** VGA Input
- **E** DVI-D Input
- **F** HDMI® Input
- **G** DisplayPort Input
- **H** DC Input Power Connector
- **I** Illuminated Power Button
- **J** Thumb-Screw Mounting

MON1012APHv2

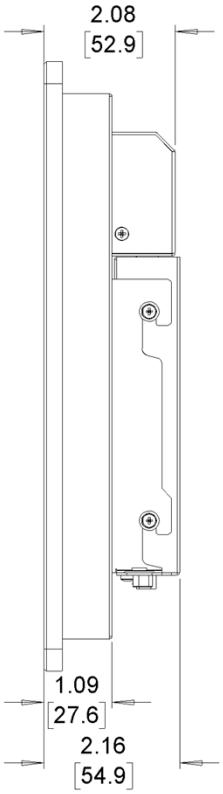


TOP VIEW

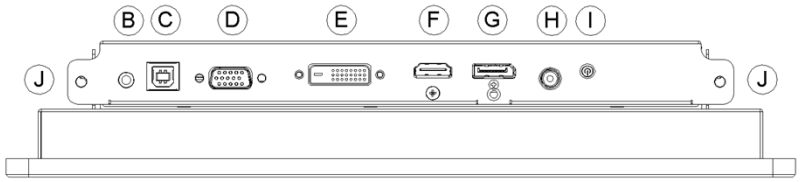
DIMENSIONS ARE IN INCHES [MM]



REAR VIEW



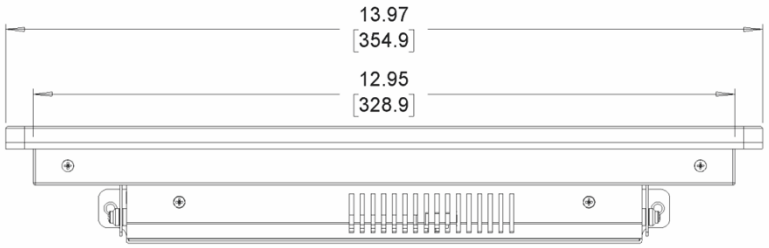
SIDE VIEW



BOTTOM VIEW

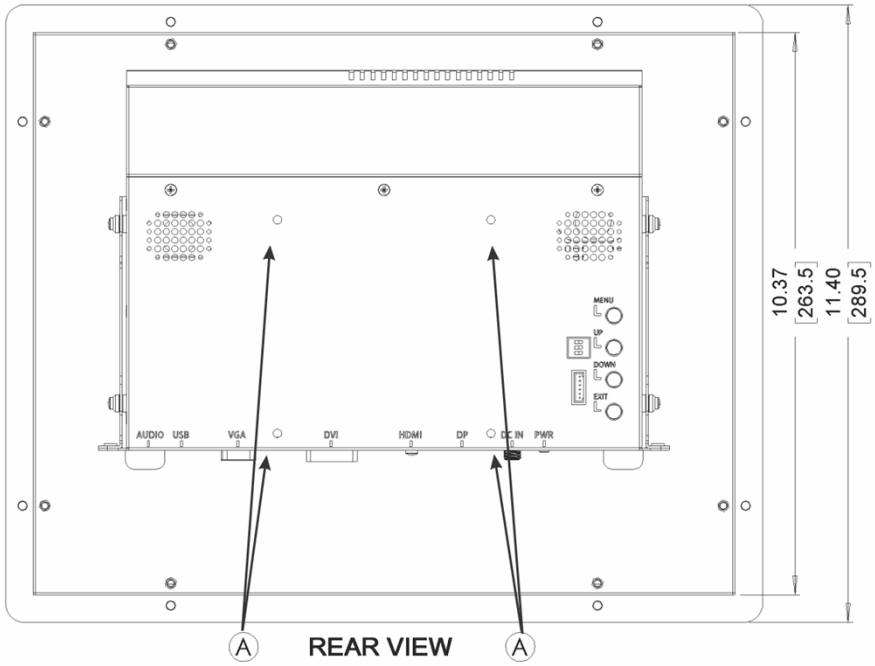
- **A** VESA 100 x 100 Mounting
- **B** Audio Port (Non-Functional)
- **C** USB 2.0 Type-B Client Port
- **D** VGA Input
- **E** DVI-D Input
- **F** HDMI® Input
- **G** DisplayPort Input
- **H** DC Input Power Connector
- **I** Illuminated Power Button
- **J** Thumb-Screw Mounting

MON1015APHv2

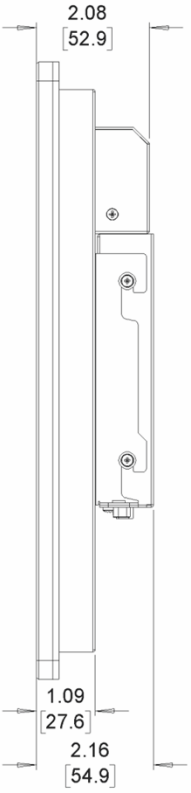


TOP VIEW

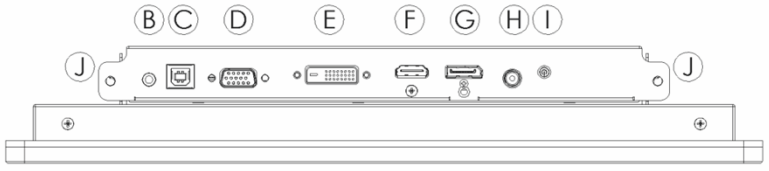
DIMENSIONS ARE IN INCHES [MM]



REAR VIEW



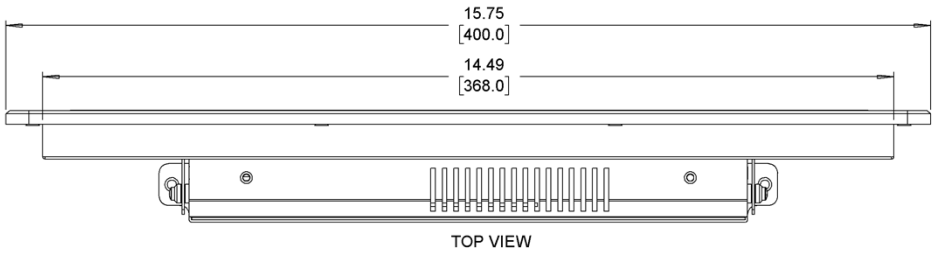
SIDE VIEW



BOTTOM VIEW

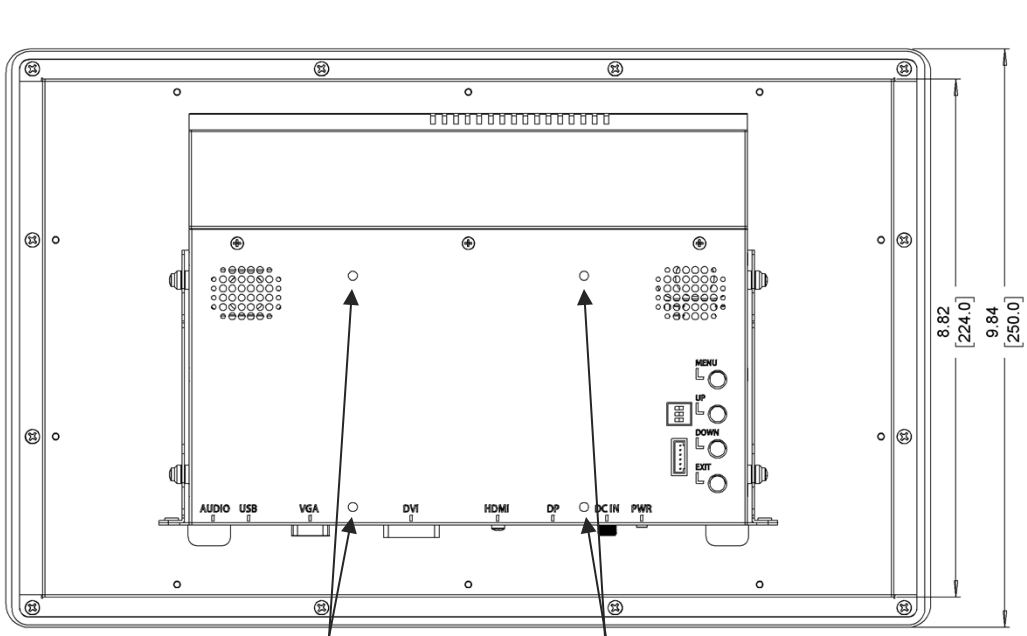
A	VESA 100 x 100 Mounting
B	Audio Port (Non-Functional)
C	USB 2.0 Type-B Client Port
D	VGA Input
E	DVI-D Input
F	HDMI® Input
G	DisplayPort Input
H	DC Input Power Connector
I	Illuminated Power Button
J	Thumb-Screw Mounting

MON1016APHv2

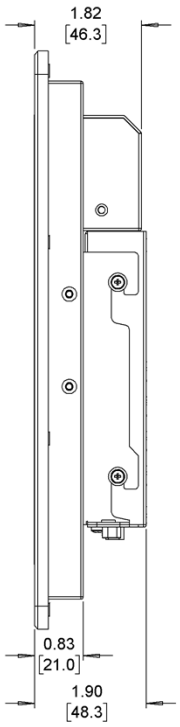


TOP VIEW

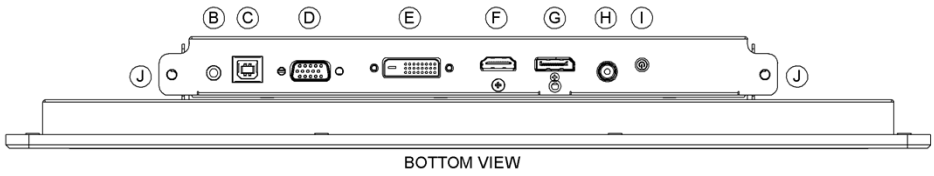
DIMENSIONS ARE IN INCHES [MM]



REAR VIEW



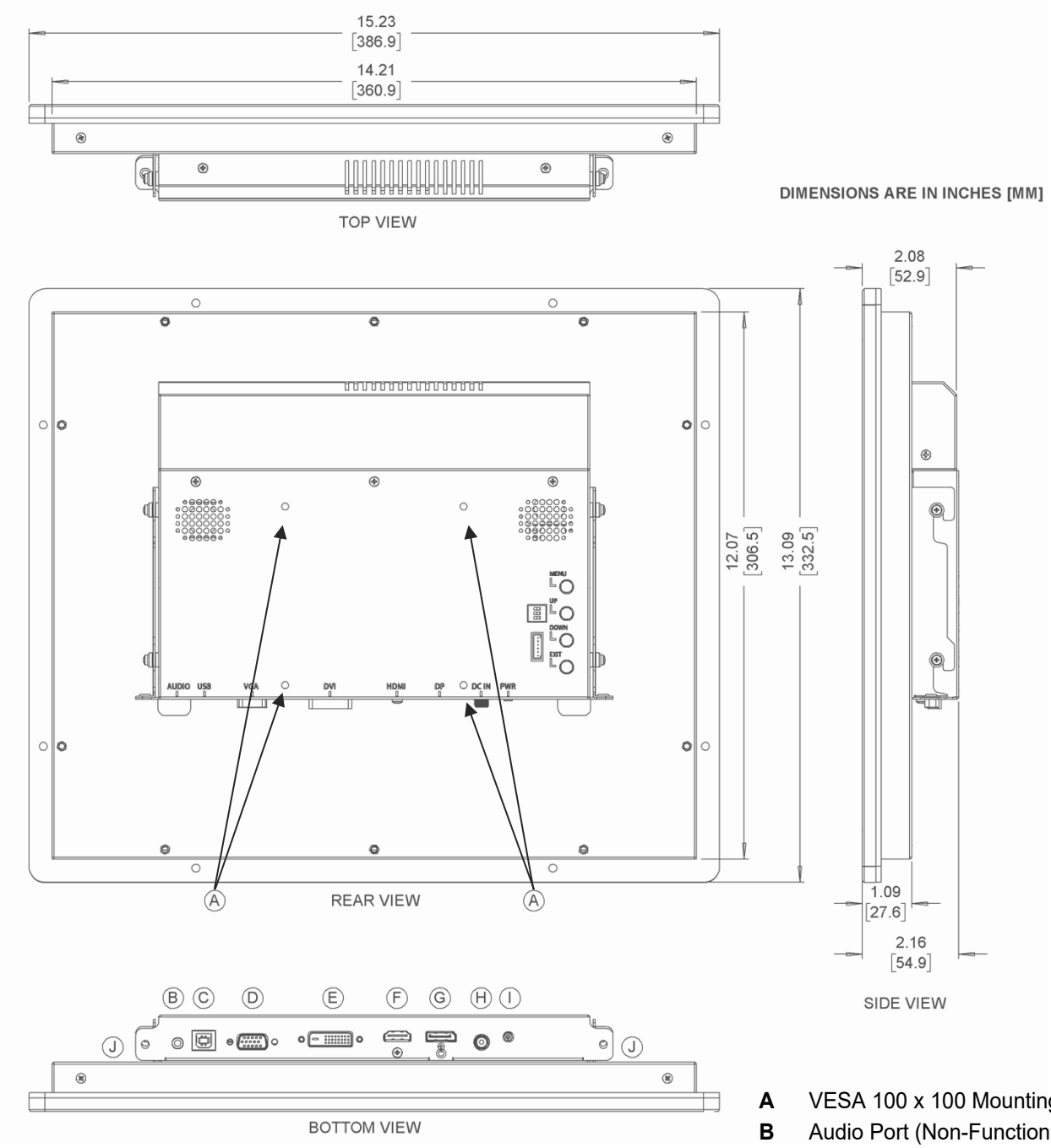
SIDE VIEW



BOTTOM VIEW

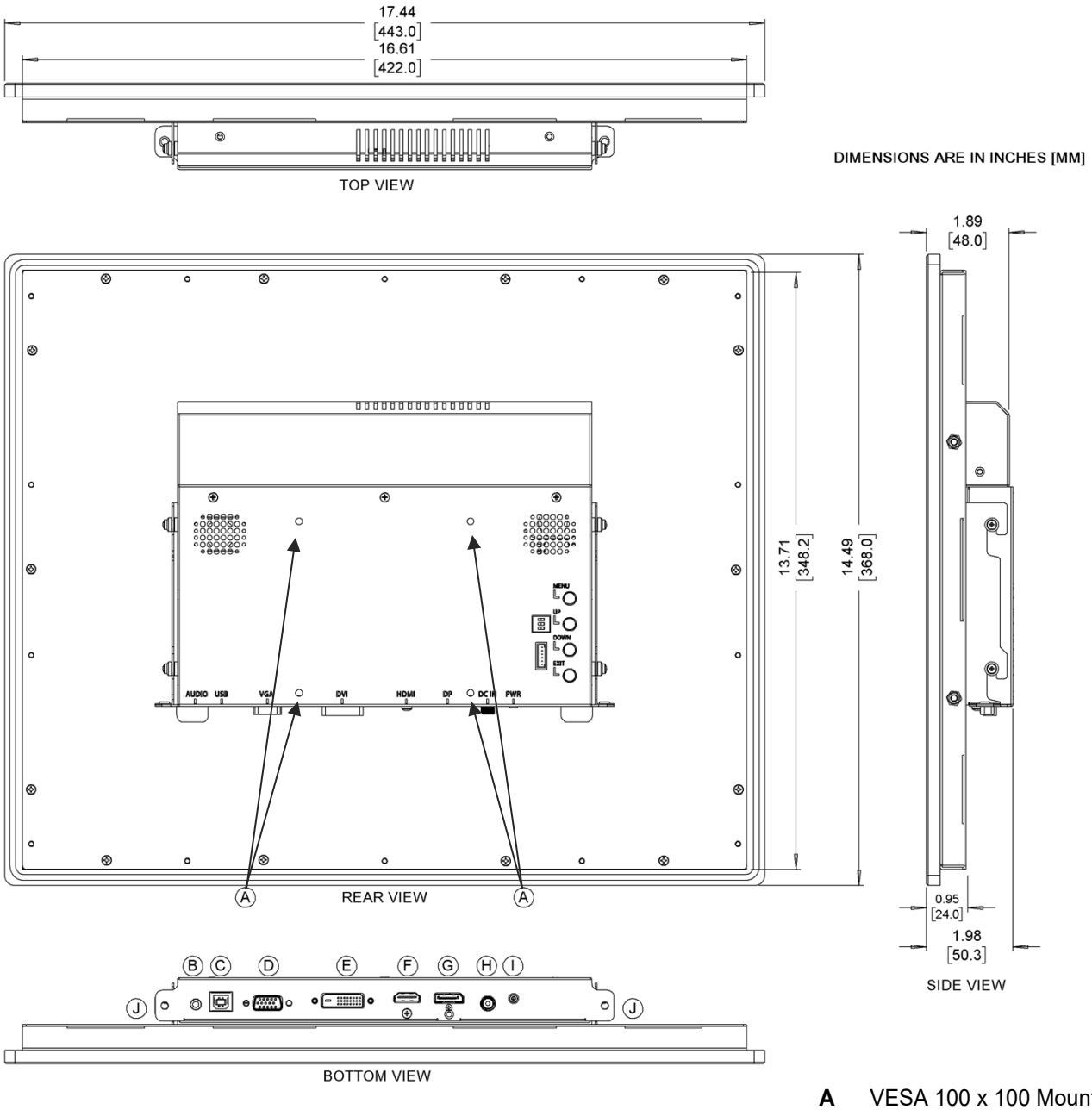
A	VESA 100 x 100 Mounting
B	Audio Port (Non-Functional)
C	USB 2.0 Type-B Client Port
D	VGA Input
E	DVI-D Input
F	HDMI® Input
G	DisplayPort Input
H	DC Input Power Connector
I	Illuminated Power Button
J	Thumb-Screw Mounting

MON1017APHv2



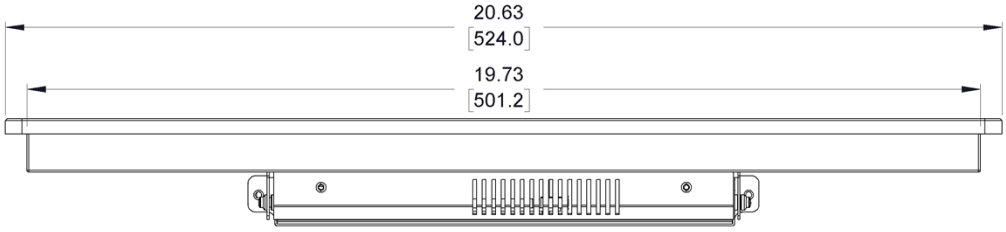
A	VESA 100 x 100 Mounting
B	Audio Port (Non-Functional)
C	USB 2.0 Type-B Client Port
D	VGA Input
E	DVI-D Input
F	HDMI® Input
G	DisplayPort Input
H	DC Input Power Connector
I	Illuminated Power Button
J	Thumb-Screw Mounting

MON1019APHv2

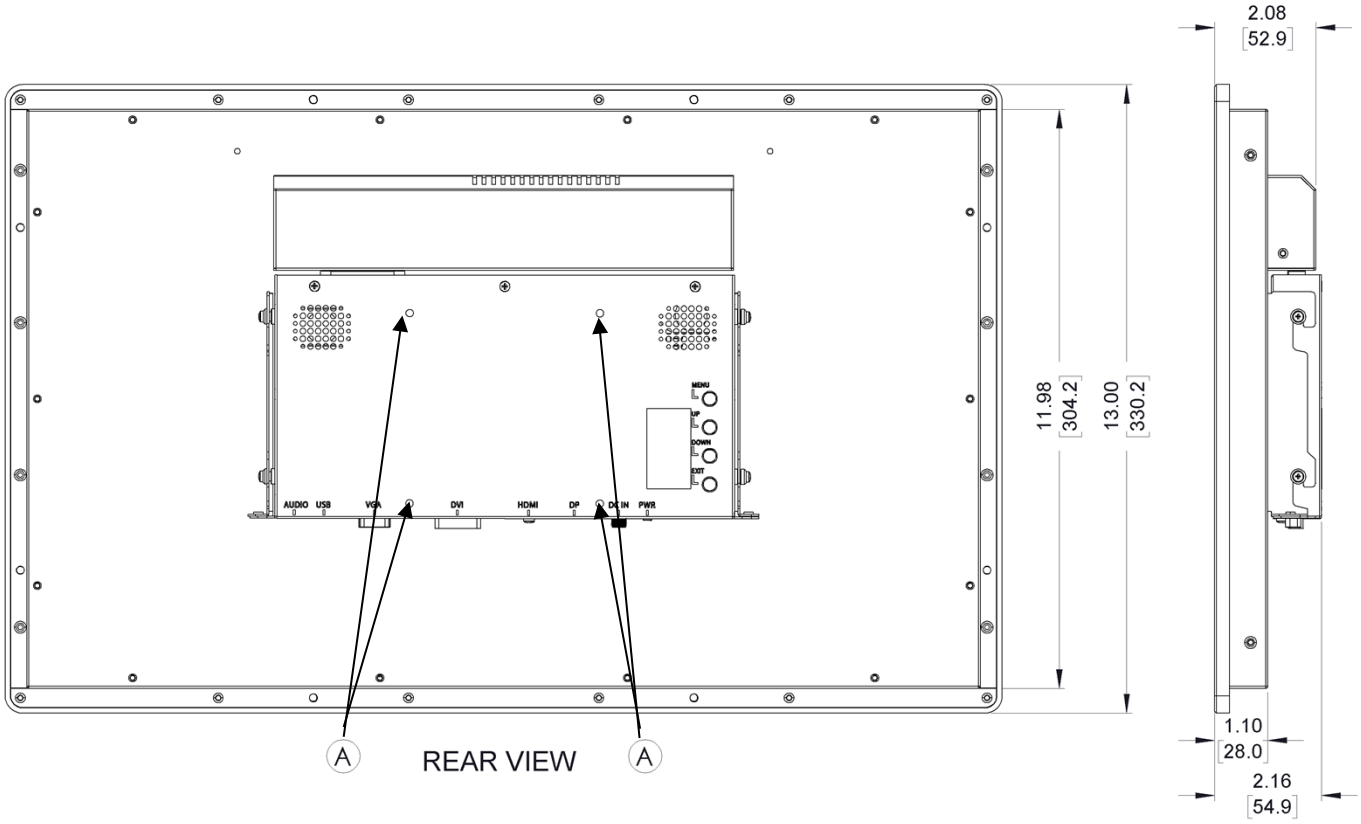


- **A** VESA 100 x 100 Mounting
- **B** Audio Port (Non-Functional)
- **C** USB 2.0 Type-B Client Port
- **D** VGA Input
- **E** DVI-D Input
- **F** HDMI® Input
- **G** DisplayPort Input
- **H** DC Input Power Connector
- **I** Illuminated Power Button
- **J** Thumb-Screw Mounting

MON1021APHv3

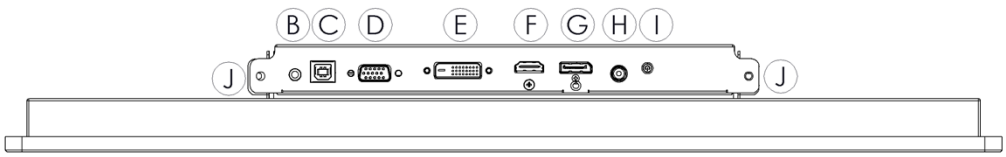


TOP VIEW



REAR VIEW

SIDE VIEW



BOTTOM VIEW

A	VESA 100 x 100 Mounting
B	Audio Port (Non-Functional)
C	USB 2.0 Type-B Client Port
D	VGA Input
E	DVI-D Input
F	HDMI® Input
G	DisplayPort Input
H	DC Input Power Connector
I	Illuminated Power Button
J	Thumb-Screw Mounting