IM Series

Stand-alone (True Flat) Industrial Touch Monitor





AUO Display+

Features

- 15" /17" /19"/ 21.5" / 23.8" /27.0" 16:9 LCD panel with LED backlight with up to 50,000 hour service life
- 10-point projected capacitive (PCAP) touchscreen
- Anti-fingerprint surface treatment for ease of cleaning and enhanced readability
- Wide viewing angles support for both portrait and landscape modes
- IP 65 rating for water and dust protection
- High brightness (H) version / Digital Imaging and Communications in Medicine (DICOM) (D) version

Ordering Information

- IM-150, P/N:93-P7000-D00E
- IM-170, P/N:93-P7000-E00E
- IM-190, P/N:93-P7000-F00E
- IM-215, P/N:93-P7000-B010
- IM-215H, P/N:93-P7000-B310
- IM-215D, P/N:93-P7000-B50E
- IM-238, P/N:93-P7000-G010
- IM-270, P/N:93-P7000-H010

Optional Accessories

- Adapter 12V 60W power adapter, P/N:31-62156-1010-A0
- Touch Cable (USB type B), P/N:30-01012-0000 (USB2.0 Type-A (M) to USB2.0 Type-B, 1M)

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Specifications (Fullscreen)

Model	IM-150	IM-170	IM-190
Display			
Size	15"	17"	19"
Resolution (Max.)	1024 x 768 (XGA)	1280 x 1024	
Aspect Ratio	4:3	5:4	
Color	16.7M		
Brightness (w/ touch)	400 nits	300 nits	300 nits
Backlight Life (Hrs)	50,000		
Viewing Angle (U/D/R/L)	70/80/80/80	80/80/85/85	
Contrast Ratio	800:1	1000:1	
Touchscreen	10-point, PCAP, Anti-fingerprint coating		
Bonding	Air bonding		
I/O			
USB Port	USB type B(for touch)		
Video	HDMI x1, VGA x 1		
Audio	w/o Audio		
Environmental			
Operating Temperature	0°C to 60°C	0°C to 50°C	-20°C to 60°C
Storage Temperature	-10°C to 60°C	-20°C to 60°C	-20°C to 70°C
Humidity	10% to 80% @ 40°C (non-condensing)		
Surface Hardness	7H		
Vibration	Operating: 1G random 5 to 500Hz		
Shock	Operating: 20G acceleration part to part, 11ms		
IP Rating	Front IP65		
Certifications & Compliance	CE/FCC		
Power Input	DC-12V 5A Max.		
Power Consumption	8.1W	10.6W	11.6W
Mechanical			
Net Weight/ Gross Weight	3.3 kg / 4.2 kg	4.3 kg / 5.4 kg	5.1 kg / 6.2 kg
Packing Dimensions (H x W x D mm)	465 x 180 x 418	555 x 180 x 508	555 x 180 x 508
Mounting	VESA Mount, MIS-D 75mm x 75mm, 100mm x 100mm (Standard)		

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Specifications (Widescreen)

Model	IM-215	IM-238	IM-270
Display			
Size	21.5"	23.8"	27"
Resolution (Max.)	1920 x 1080		
Aspect Ratio	16:9		
Color	16.7M		
Brightness (w/ touch)	400 nits	200 nits	240 nits
Backlight Life (Hrs)	30,000		40,000
Viewing Angle (U/D/R/L)	89/89/89/89	85/85/85/85	
Contrast Ratio	1000:1	3000:1	
Touchscreen	10-point, PCAP, Anti-fingerprint coating		
Bonding	Air bonding		
I/O			
USB Port	USB type B(for touch)		
Video	HDMI x1, VGA x 1		
Audio	w/o Audio		
Environmental			
Operating Temperature	0°C to 60°C	0°C to 50°C	
Storage Temperature	-20°C to 60°C		
Humidity	10% to 80% @ 40°C (non-condensing)		
Surface Hardness	7H		
Vibration	Operating: 1G random 5 to 500Hz		
Shock	Operating: 20G acceleration part to part, 11ms		
IP Rating	Front IP65		
Certifications & Compliance	CE/FCC/BSMI	CE/FCC	
Power Input	DC-12V 5A Max.		
Power Consumption	25.7W	16.3W	23.8W
Mechanical			
Net Weight/ Gross Weight	5.0 kg / 6.2 kg	6.3 kg / 6.9 kg	8.26 kg / 8.86 kg
Packing Dimensions (H x W x D mm)	640 x 480 x 160	795 x 488 x 175	775 x 538 x 180
Mounting	VESA Mount, MIS-D 75mm x 75mm, 100mm x 100mm (Standard)		

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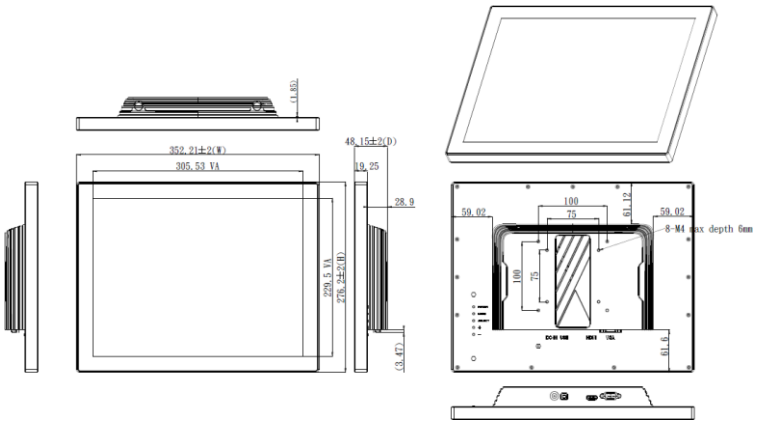
Specifications (Value-Added Model)

Model	IM-215H (High Brightness)	IM-215D (DICOM-Standard)
Display		
Size	21.5"	21.5"
Resolution (Max.)	1920 x 1080	1920 x 1080
Aspect Ratio	16:9	16:9
Color	16.7M	16.7M
Brightness (w/ touch)	1200 nits	400 nits
Backlight Life (Hrs)	50,000	50,000
Viewing Angle (U/D/R/L)	89/89/89/89	89/89/89/89
Contrast Ratio	3000:1	1000:1
Touchscreen	10-point, PCAP, Anti-fingerprint coating	10-point, PCAP, Anti-fingerprint coating
Bonding	Air bonding	Air bonding
I/O		
USB Port	USB type B (for touch)	USB type B (for touch)
Video	HDMI x1, VGA x1	HDMI x1, VGA x1
Audio	w/o Audio	w/o Audio
Environmental		
Operating Temperature	-20°C to 60°C	0°C to 50°C
Storage Temperature	-20°C to 60°C	-10°C to 50°C
Humidity	10% to 80% @ 40°C (non-condensing)	10% to 80% @ 40°C (non-condensing)
Surface Hardness	7H	3H
Vibration	Operating: 1G random 5 to 500Hz	Operating: 1G random 5 to 500Hz
Shock	Operating: 20G acceleration part to part, 11ms	Operating: 20G acceleration part to part, 11ms
IP Rating	Front IP65	Front IP65
Certifications & Compliance	CE/FCC	CE/FCC
Power Input	DC-12V 5A Max.	DC-12V 5A Max.
Power Consumption	41.2 W	25.4 W
Mechanical		
Net Weight/ Gross Weight	5.4 kg /5.9 kg	
Packing Dimensions (H x W x D mm)	620 × 440 × 176	
Mounting	VESA Mount, MIS-D 75mm x 75mm, 100mm x 100mm (Standard)	

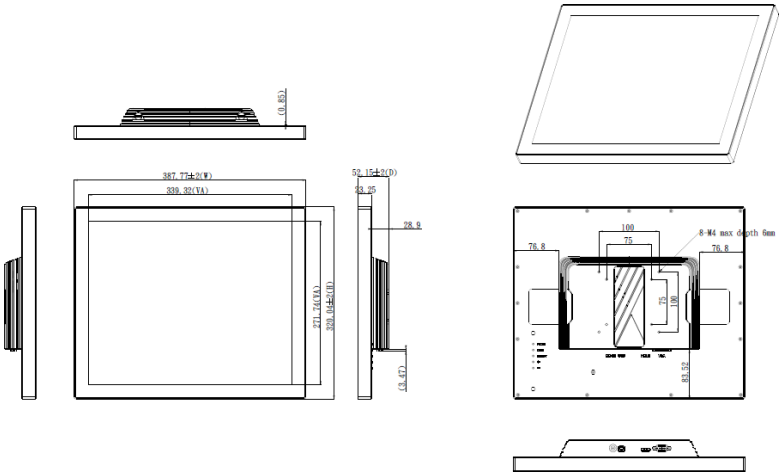
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Dimensions

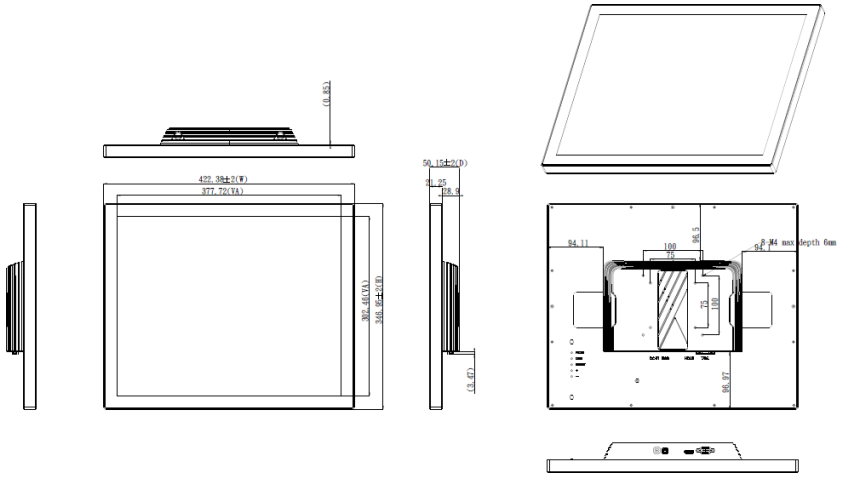
IM-150 (mm)



IM-170 (mm)

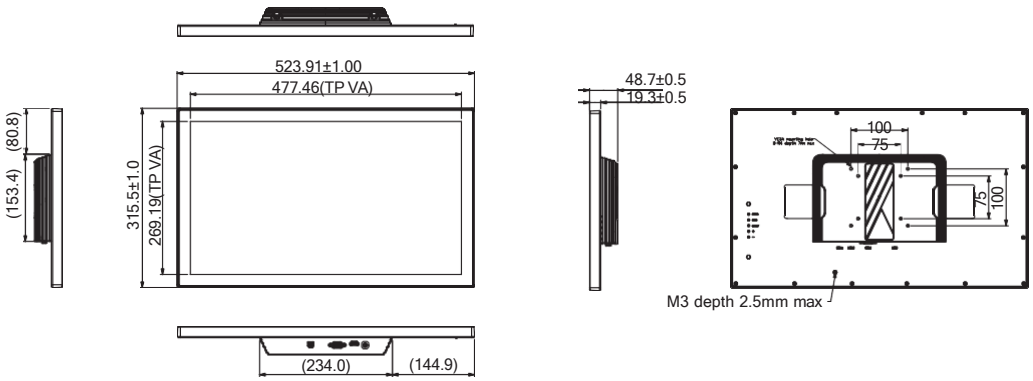


IM-190 (mm)

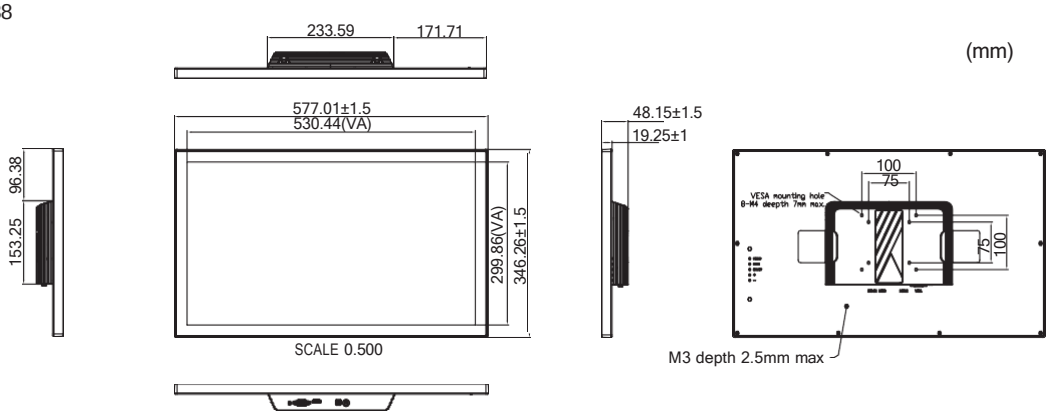


Dimensions

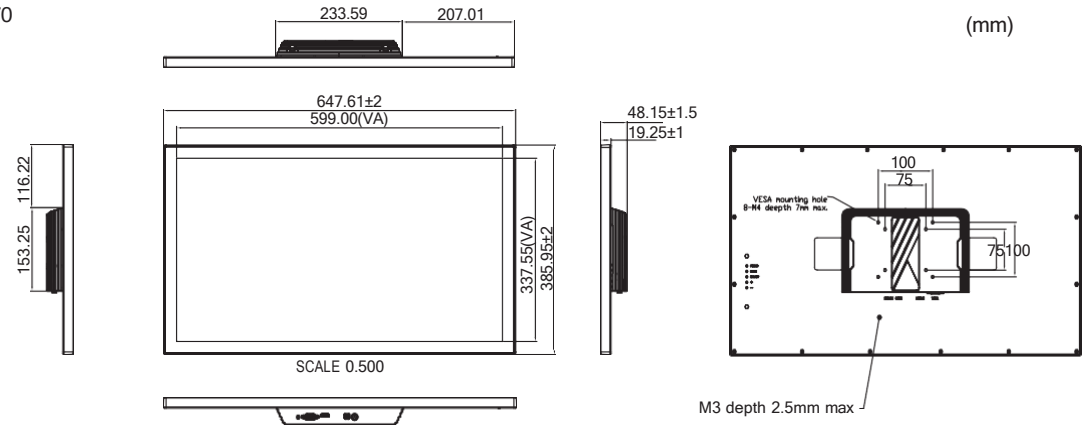
IM-215 & IM-215H & IM-215D (mm)



IM-238 (mm)



IM-270 (mm)



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