

Marine LCD Monitor

19" 300 cd/m² SXGA LCD monitor, aluminum front panel, black color, W/ USB projected capacitive touch screen, 18~36V DC input, R10 (Model: IMAR1900)

Features

- IP22 Rear / IP66 Front
- -15°C ~ +55°C Wide Temperature and Flat-bezel Projected Capacitive Touchscreen
- Excellent Visual Performance
 - Full OSD function configuration
 - 0%~100% full range dimming
 - 178°/178° wide viewing angles
 - Optical bonding improves visibility under bright light (optional)
- Multiple Video Input
 - two VGA, two DVI, and one BNC
- Multiple Video Output
 - One VGA and one BNC
- Dual Isolated AC/DC Input with Redundant Power Protection
- Remote OSD Settings through LAN, RS-232, RS-422 and RS-485

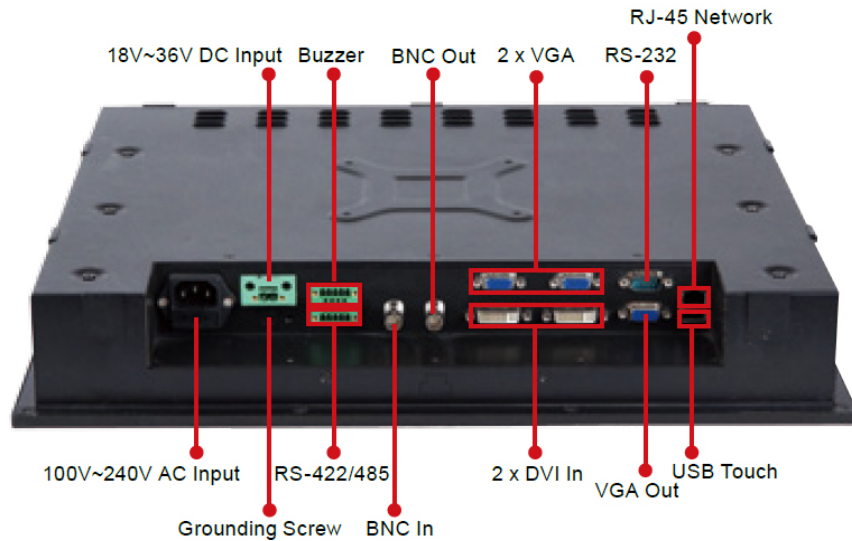
Specifications

LCD	LCD Size	19"
	Panel Type	PMVA
	Max. Resolution	1280 x 1024 (5:4)
	Contrast Ratio	2000 : 1
	Brightness (cd/m ²)	300
	LCD Color	16.7M
	Pixel Pitch (um)	294 x 294
	Viewing Angles (H-V)	178° / 178°
	Backlight MTBF (HRs)	50000
Touchscreen & Controller		Projected capacitive touchscreen EXC7900 * 10-points
Scalar Chip		STD8028
I/O Ports and Switches		• DVI-D signal input: 2 x DVI (24-pin, female) • RGB signal input: 2 x HD D-SUB (15-pin, female) • Composite video input: 1 x BNC connector (female) • Composite video output: 1 x BNC connector (female) • RS-232/422/485 for remote control non-isolated • RGB signal output: 1 x HD D-SUB (15-pin, female) - Clone of RGB IN* • Touchscreen: 1 x USB type A connector (female) • Ethernet: 1 x RJ-45 connector for remote control • Isolated 100V~240V AC power input • 18-36V DC power input with isolation
PIP		Yes
Light Sensor		Yes
OSD Button		P-CAP Button (LCD on/off, Menu, Auto, Up, Down, Left, Right)
LED/Sensor		Ambient light sensor (0%~100%)
Optional Function		Optical Bonding ECDIS compliant (IEC 61174)
Power Requirement		Multi-power Supply: • 110~240VAC, 24 VDC (18VDC~36VDC)
Operating Temperature		-15°C ~ 55°C
Storage Temperature		-20°C ~ 60°C
Humidity		Humidity up to 95%
Thermal Design		Fanless
Housing		Aluminum front, sheet metal back (Black C)
Cut-out Dimensions (L x W)		442 mm x 373 mm
Dimensions (L x W x H)		463 mm x 394 mm x 76 mm
Mounting		VESA 100mm x 100mm
Approvals		Safety: DNV, IEC 60945 4th, IACS-E10
IP Rating		IP66 front, IP22 rear

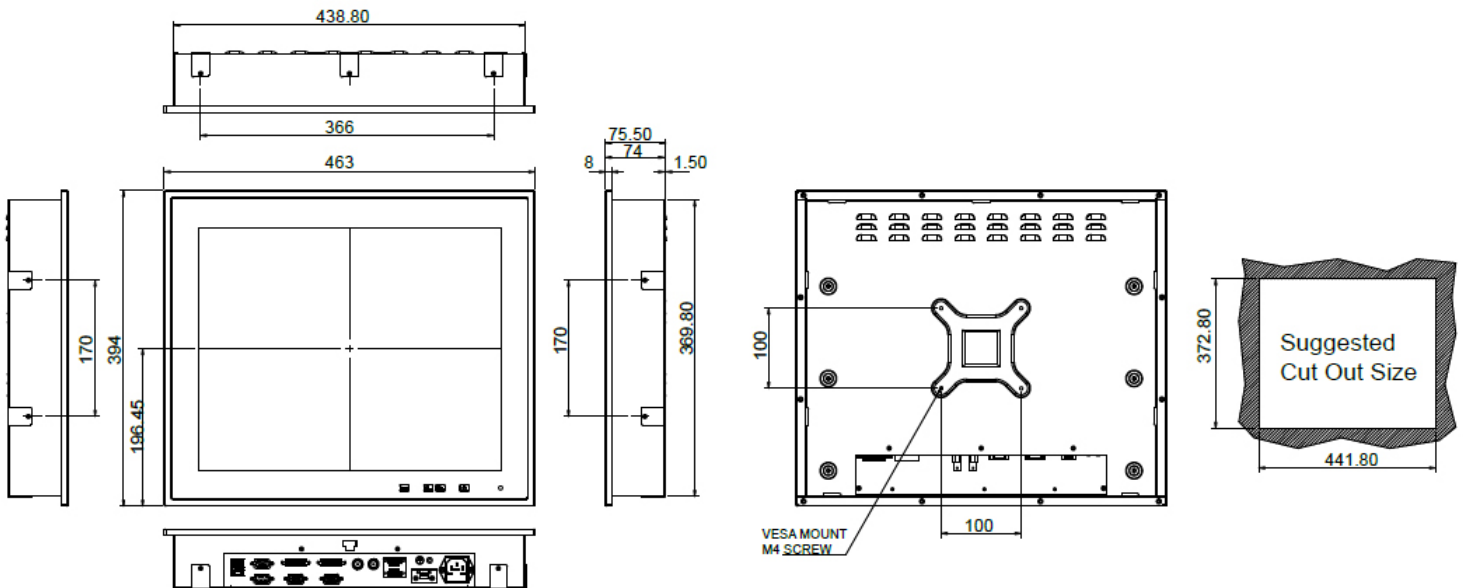


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Dimensions (Unit: mm)



Options

- Panel Mount Kit
- Desktop Stand

Packing List

Item	Qty	Description
Utility CD	1	Drivers and user manual