

## 19" Marine Display Unit

### Product Features

- Commercial or Military Versions Available
- ECDIS & ECDIS-N Compliant
- 1280 x 1024 SXGA Native Resolution
- 300 NITS Brightness
  - Optional 900 NITS Sunlight
  - Readable LED Backlit
- VGA, DVI, Composite Video, S-Video Input
- Dimming Ratio: 500:1 Minimum
- Resistive Touchscreen Optional
- Conformal Coated Electronics
- AC/DC Input Supported
- NEMA 4 IP66 Rated at Panel

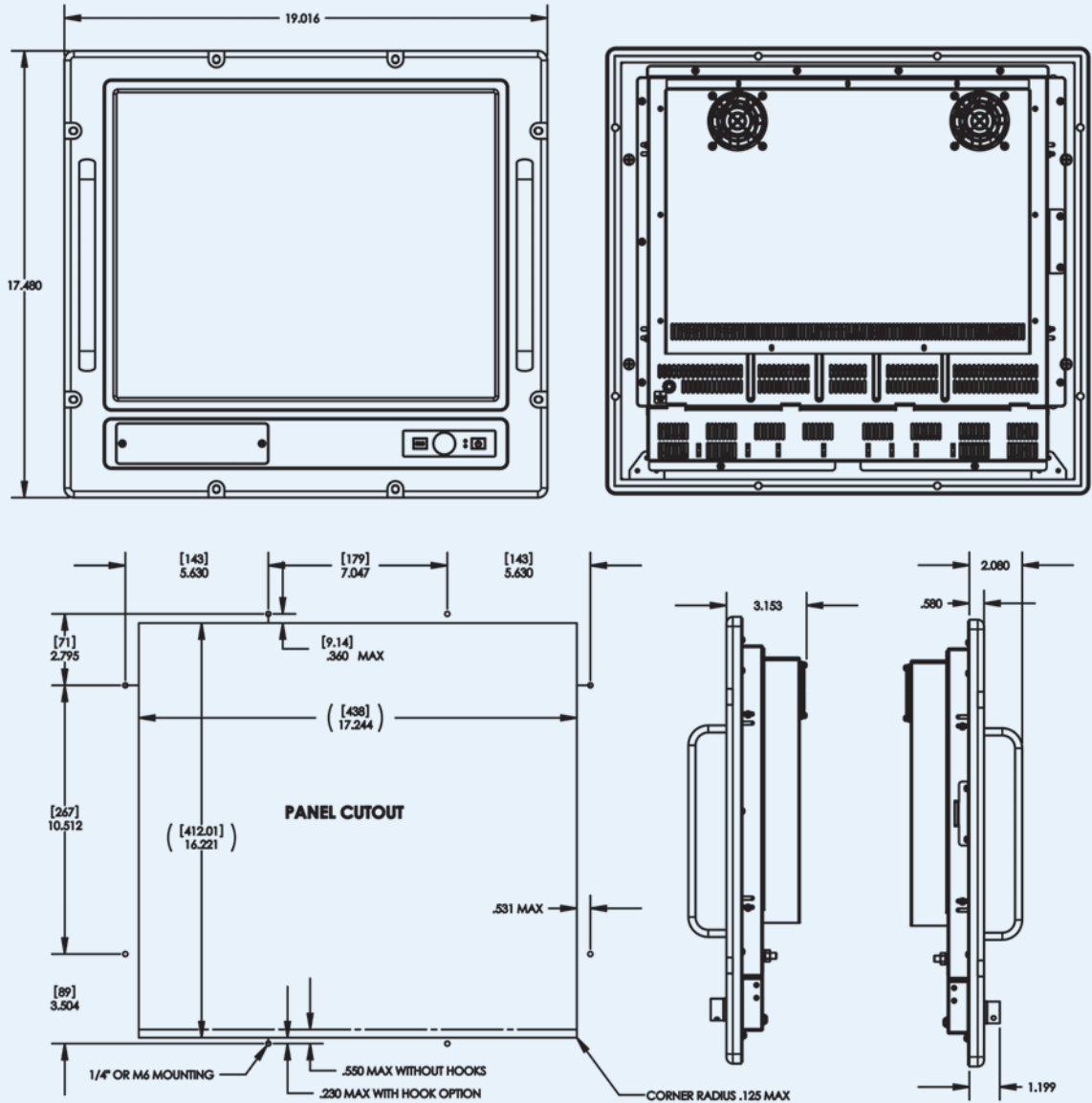


### Specifications

<b>LCD</b>	Light Intensity	300 cd/m <sup>2</sup> (NITS)
	Sunlight Readable Option	900 cd/m <sup>2</sup>
	Dimming	< 1 cd/m <sup>2</sup> for night operation
	Viewing Angle	±85° horizontal / ±85° vertical
	Colors	16.7 million
	Contrast Ratio	800:1
<b>Video Interface</b>	Resolution (Native)	1280 x 1024
	Video Resolutions Supported	1280 x 1024, 1024 x 768, 800 x 600, 640 x 480
	Optional Modes	SXGA, XGA, SVGA, VGA
	Interfaces	VGA/DB15, DVI/DVI-D 29 pin, RS170/RCA, S-Video
	Timing	Sync On Green (SOG), NTSC/PAL, Digital
<b>Electrical</b>	Voltage, standard	85-264VAC 50/60Hz or 9-36VDC
		Auxillary AC Outlet (Optional)
	Current	.5 Max @ 115VAC 2.2 Max @ 24VDC
	Power	60 Watts Maximum
<b>Physical</b>	Enclosure	IP66 (Front) / IP20 (Rear)
	Dimensions (W x H x D) inch	19.0 x 17.48 x 3.62
	Dimensions (W x H x D) mm	483 x 444 x 91.9
	Weight	20.0 lbs. (9.07 kg)
	Material	5052 - Aluminum Frame, 6061 - Machined Aluminum Bezel
	Mounting	Panel Mount (Standard) Desk Stand, VESA Mount (Optional)
<b>Controls</b>	Left OSD	Menu, Select, Up, Down
	Right OSD	Source, Brightness Knob, Light Sensor (Optional), PWR/Sync LED, ON/OFF
<b>Environmental</b>	Temp, operating	0 to + 55 °C
	Temp, storage	-20 to + 65 °C
<b>Options</b>	Cables	6' Standard - Custom Length Optional
	Handles	Optional
<b>Certifications</b>	Type approved	ABS
	Tested to meet	MIL 901D Grade A, 167-1, 461F, 810G, ECDIS, ECDIS-N, IEC60945 (Data available upon request)

# MDU19

## Dimensional Drawing and Mounting Template



## Order Guide

- 51-09563-202 -- MDU19, Standard Brightness, DC Power, Glass, Available for Quickship
- 51-09563-203 -- MDU19, Standard Brightness, DC Power, Touch Screen, Available for Quickship
- 51-09563-302 -- MDU19, Standard Brightness, AC Power, Glass, Available for Quickship
- 51-09563-303 -- MDU19, Standard Brightness, AC Power, Touch Screen, Available for Quickship
- 51-09563-501 -- MDU19, High Bright, AC Power, Glass, Available for Quickship
- 51-09563-502 -- MDU19, High Bright, AC Power, Touch Screen, Available for Quickship
- 51-09563-503 -- MDU19, High Bright, DC Power, Glass, Available for Quickship
- 51-09563-504 -- MDU19, High Bright, DC Power, Touch Screen, Available for Quickship

Drop in replacement for JH 19T14 MMD

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