

Introduction

MAF800 series by Inelmatic Electronics is the new generation rugged milling metal frame monitor with waterproof function, which follow IP65 ingress protection (IP67 optional), low power consumption, super fast reponse time. It's the ideal solution for outdoor usage, or harsh environments.

MAF800 includes a high featured controller with automatic and manual backlight adjustment, depending of the ambient light, which makes it suitable for applications from the darkest night(NVIS) to the bright sun light. Besides, MAF800 optionally includes a resistive / capacitive touch panel with USB controller, adding interactivity.

MAF800 is available with VGA and Audio input as standard, optional DVI/HDMI, Composite Video and S-Video inputs. All inputs are available as factor option on the rear panel. Optionally it includes "all in one cable", with a lockable connector for an easy and quick installation.



Main features

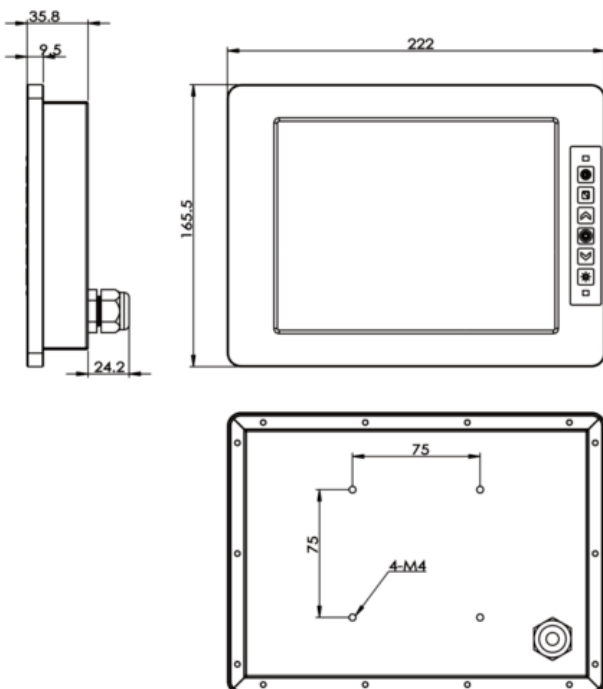
- * High brightness low power LED backlight.
- * Sunlight readable.
- * 9-36V DC power supply.
- * Low power consumption.
- * 10 Steps backlight dimmer.

- * Automatic backlight dimmer
- * Wide temperature range.
- * Milling aluminium front and metal folding behind.
- * Customization available for small qty.
- Autopower on/off by VGA signal.

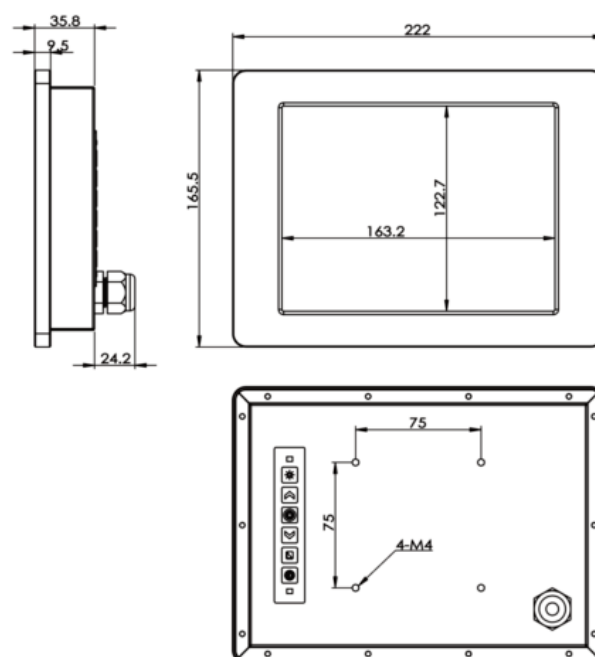
Drawing



MAF800A:



MAF800B:



Specifications

Size	8 Inches TFT Liquid Crystal Display
Aspect	4:3
Inputs	VGA, HDMI, DVI, 2x AV option
Audio	None
Touch Panel	Resistive/Capacitive touch, 3mm Chemically Strengthened Cover Lens
Power supply	9-36VDC
Power consumption	Normal 6W, HB 8W
Mounting	VESA 75mm, customization available
Warranty	12 months international, 24 months Europe.
Certification	CE*, RoHs*, IEC60945*, EN50155* and EN45545*, *under customer request.

Mechanical and enviromental specs

Dimensions	222 x 165.5 x 35.8 mm approximate.
Weight	1250gr
Enclosure	Milled Aliminum , folded Aluminum
Operation temperature	-30°C to 75°C
Storage temperature	-40°C to 85°C
Vibrations / Shock	1G rms / 40G 11ms
Environment	IP65 chassis
Material	Milling aluminium parts, black anodized/ powder coating
Others	Low flamability, Halogen Free

Optical specifications

Brightness	500/1000nits
Contrast	500:1
Colors	256K
Native resolution	800x600px
Outdoor readability	Meets MIL-STD-3009 (sunlight readable version MAF800HB/SHB-US/UPS)
NVIS	Optional NVIS B compliant

ORDER INFORMATION

	MAF800XX-X Y V A - XX	
XX - HB : High Brightness T : Normal Brightness	XX - Surface treatment R : Glossy RG : Diffuse
X - Touch Screen Option U : USB N : W/O Touch panel	A - Audio Option N : W/O Audio A : Stereo Audio
Y - Optical Option N : Normal D : Day Light readable S : Sun Light readable	V - Video Option N : W/O Video V : Video input

Example: MAF800SHB-UPSVN2.5 8 inches sunlight readable monitor with 1000nits LED backlight, capacitive USB touch, Video, with 2.5m length cable, non audio.