

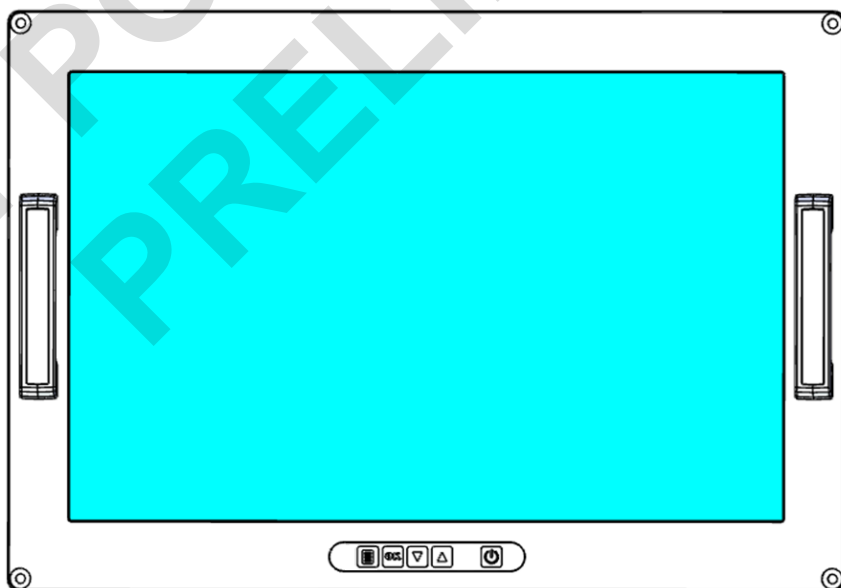
MIC-D1508-OF

15.6" Capacitive Touch Military LCD Monitor Open Frame

Features

- 15.6" LCD Size
- 1920 x 1080 Resolution
- 400 nits Brightness (after Bonding)
- -30 to + 80°C Operating Temperature
- Capacitive Touch Screen
- EMI Mesh, Optical Bonding
- D38999 Types Connectors for Interfaces
- Open Frame Design

Appearance





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Revision Table

Date	Revision	Content	By
2025/3/27	0.1	First Draft	Dennis

ACT POWER TAIWAN
PRELIMINARY

MIC-D1508-OF

15.6" Capacitive Touch Military LCD Monitor Open Frame

Specification

LCD Panel	
LCD Size	15.6 inch TFT LCD
Backlight	LED
Resolution	1920 x 1080
No. of Colours	16.2M
View Angle	± 85° (H), ±85° (V)
Luminance	400 nits (after Bonding)
Contrast Ratio	800:1
Pixel Pitch	0.17925 x 0.17925mm
Aspect Ratio	16:9
LCD Panel Life time	50,000 hrs.
Interface	LVDS
Response Time	25ms (Tr+Tf)
Active Area	344.16(W) x 193.59(H) mm
Touch Glass	
EMI Mesh	Yes
Optical Bonding	Yes
Cover Glass	Capacitive Multi-Touch Glass
Interface	USB
Glass Surface Hardness	≥5H

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Specification

Interfaces	
Power Input	1x 12VDC Input Connector: D38999/20WA98PN Cap: D38999/33W9N
Input Sources	1x VGA Input Connector: D38999/20WD19SN Cap: D38999/33W15N 1x HDMI Connector: D38999/20WD19SN Cap: D38999/33W15N
Touch Interface	1x USB Connector: USBFTV21G Cap: D38999/33W15N
OSD Keypad	Membrane Type
OSD Keys	Multi Language OSD Menu; Buttons: Power ON/OFF, Menu, Select, Adjust -, Adjust +
Mechanical	
Material	Aluminium Alloy
Design	Open Frame with Front Handle
Dimension	Approx. 430 x 290 x 40mm (Exclude Connectors Height)

Environment Compliance

Operating Temp.	-30°C to +80°C
Storage Temp.	-40°C to +85°C
Humidity	Ta≤40°C, 90%RH, Non-Condensing
Shock	Design to meet MIL-STD-810G
Vibration	Design to meet MIL-STD-810G
EMI/EMC	Design to meet MIL-STD461E/F

Note 1: Environmental performance may vary according to the integration method or final integration scenario.

Note 2: Follow the industrial quality standard this LCD panel will include minimum 3 bright or dead pixels on viewable area and maxium total 5 bright or dead pixels on whole LCD panel.

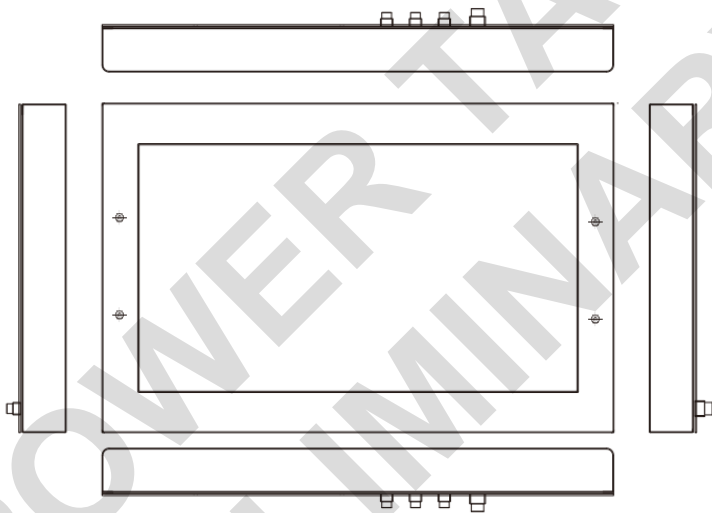
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Deliverables

1	15.6” Capacitive Touch Military LCD Monitor Open Frame
2	External Cables (Optional – to be Customized)

Reference Drawings



Ordering Information

Model Name	Description	Unit
MIC-D1508-OF	15.6” Capacitive Touch Military LCD Monitor Open Frame	1

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