

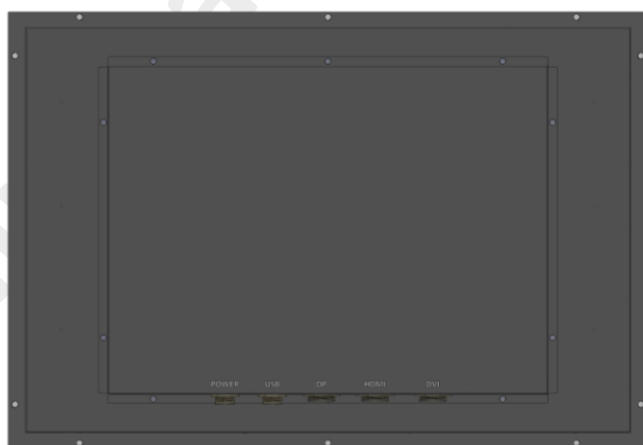
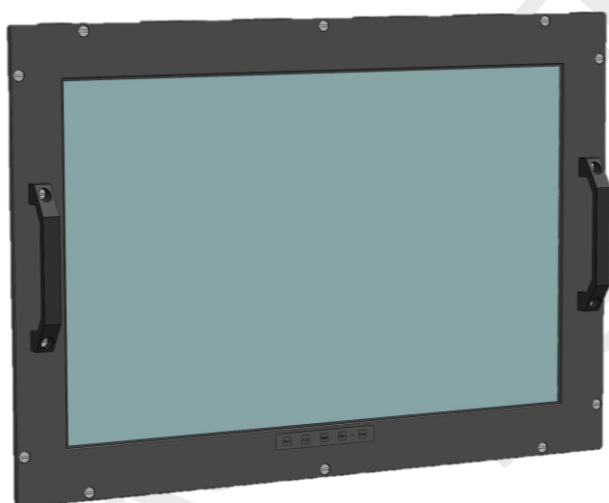
# MIC-D2415

24" 4K TFT Military Display

## Features

- 24" LCD Size
- Ultra HD 3840 x 2160 Resolution
- 250 nits Brightness
- Viewing Angle Up to 178°/178° (CR ≥ 10)
- Wide Operating Temperature -20°C to +55 °C

## Appearance





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## Revision Table

Date	Revision	Content	By
2025/8/20	0.1	First Draft	Mark

ACT POWER TAIWAN  
Preliminary

# MIC-D2415

24" 4K TFT Military Display

## Specification

LCD Size	24" TFT Active Matrix LCD
Contrast Ratio (Typical)	1200:1
Resolution	3840 x 2160
Brightness	250 nits (After Bonding)
No. of Color	1.07b
Response Time	15ms
Active Area	527.04 x 296.46 mm
Pixel Pitch	0.1369 (H) x 0.1369(V)
LED Life Time	30,000 Hrs
Video Interface	DVI x1 (MIL-DTL-D38999-26pin) HDMI 2.0 x1 (MIL-DTL-D38999-19pin) DP 1.2 x1 (MIL-DTL-D38999-20pin)
Dimming Ratio	500:1
Touch	Capacitive Multi-Touch
Touch Interface	USB x1 (MIL-DTL-D38999-5pin)
Protection	IP65 Front Bezel
Power Input	28 VDC (Design to Meet MIL-STD-704F for Airborne)
Power Consumption	100W
Other	Optical Bonding with EMI Mesh (SE ≥ 60 dB)
Mounting	Console Mounting
Dimension	650 x 437 x 76 mm (TBD)
Weight	≥13 Kg (TBD)
Material	Aluminum 6061 (Anodizing)

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## Environment Compliance

Operating Temp.	-20°C to +55°C
Storage Temp.	-30°C to +70°C
Humidity	65°C, 90% RH for 240 Hours
Shock	Design to Meet MIL-STD-810G for Airborne
Vibration	Design to Meet MIL-STD-810G for Airborne
EMI/EMC	Design to Meet MIL-STD461E/F for Airborne

1. Components of product design will comply with airborne specifications.
2. Environmental performance may vary according to the integration method or final integration scenario.

## Deliverables

1	24" 4K TFT Military Display
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## Ordering Information

Model Name	Description	Unit
MIC-D2415	24" 4K TFT Military Display	1

### Disclaimer

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