

MIC-D1014

10.4" NVIS Mission Critical Monitor

Features

- 10.4-inch LCD Size
- Day/Night Dual-Mode Display Delivers Brightness from 0.03 nits to 800 nits
- Operates Reliably in All Weather Conditions from -30°C to 70°C
- High-Sensitivity Touchscreen Works with Wet Hands or Gloves
- LED Panel Offers a Lifetime of 50,000 Hours
- Designed with EMC Protection for Electromagnetic Compatibility
- Optical Bonding Maximizes Display Transparency and Reduces Reflections
- Meets IP65 Rating for Dust and Water Resistance

Appearance





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Revision Table

Date	Revision	Content	By
2025/7/23	0.1	First Draft	Zoe You
2025/9/23	0.2	Brightness Modification	Zoe You

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Preliminary

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Specification

Display	
Touch Screen	5-Wire Resistive Touch with AG Toughened Glass and Optical Bonding Capacitive Touch (Optional)
Panel	10.4-inch LCD
Resolution	1024 x 768
Brightness	Day Mode : 800 nits NVIS Mode : Dimmable under 0.03 nits
Aspect Ratio	4:3
Contrast	1000:1
Viewing Angle	170° / 170°(H/V)
LED Panel Life Time	50,000 Hours
Signal Input	
HDMI	1
VGA	1
USB	1xUSB-A (for Touch and Upgrade)
Supported Formats	
VGA	1080p 24/25/30/50/60, 1080pSF 24/25/30, 1080i 50/60, 720p 50/60...
HDMI	2160p 24/25/30, 1080p 24/25/30/50/60, 1080i 50/60, 720p 50/60...
Audio Input	
HDMI	2ch 24bits
Bulit-in Speakers	1



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Specification

Power	
Input Voltage	DC 12-36V
Power Consumption	≤13W (15V, Normal Mode) ≤69W (15V, Heating Mode)
Other	
Dimension (LWD)	276mm x 208mm x 52.5mm
Weight	2kg (with Gimbal Bracket)

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Environment Compliance

Operating Temp.	-30°C to +70°C
Storage Temp.	-30°C to +80°C
Shock	Design to Meet MIL-STD-810F
Vibration	Design to Meet MIL-STD-810E
EMI/EMC	Design to Meet MIL-STD461E/F
Protection Rating	IP65, NEMA 4X

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

Deliverables

1	10.4-inch NVIS Mission Critical Monitor (Resistive Touch or Capacitive Touch)
2	Power Connector Cable

Ordering Information

Model Name	Description	Unit
MIC-D1014	10.4-inch NVIS Mission Critical Monitor	1
MIC-D1014-GB	Gimbal Bracket (Optional)	1
MIC-D1014-VB	75mm VESA Bracket Mount (Optional)	1
MIC-D1014-RM	1.5-inch RAM Mount (Optional)	1

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