10.4 inch NVIS Mission Critical Monitor

Features

- 10.4 inch LCD Size
- Day/Night Dual-mode Display Delivers Brightness From 0.03 nits to 1000 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





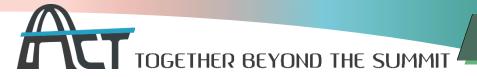




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Revision Table

Date	Revision	Content	Ву
2025/7/23	0.1	First Draft	Zoe You



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Specification

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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 : 1000nits NVIS mode : Dimmable under 0.03nit				
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+Audio	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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