

Defense



Railway



Ground vehicle System



Features

- 10.4" LED display with 1024 × 768 resolution, Min 800 cd/m² brightness, and 1000:1 contrast ratio.
- Wide operating temperature range: -20°C to 55°C.
- Capacitive multi-touch screen for smooth and precise user interaction.
- Rugged mechanical display design: 205(H) × 270(W) × 55(D) mm, approx. 3kg with VESA mounting support.
- 12VDC MIL-grade power input (MIL-STD-1275E).



Specifications

Display Panel

Display Type	LED
Display Size	10.4 inches
Contrast Ratio	1000:1
Max. Resolution	1024 x 768
Max. Color	16.7M (8 bit/color)
Active Area	210.432(W) x 157.82(H)
Pixel Pitch	205.5(H) x 205.5(V)
Pixel Arrangement	RGB Vertical stripe
Viewing Angle	85/85/85/85 (Typ.)
Luminance	Min 800 cd/m ²

Touchscreen

Touchscreen Type	Capacitive Touch with Optical Bonding
------------------	---------------------------------------

I/O Interface

External I/O	- 1 x HDMI - 1 x USB port
--------------	------------------------------

Power

Power Input	12VDC Through MIL Connector Meets MIL-STD-1275E
-------------	---

Mechanical

Dimensions	205(H) X 270(W) X 55(D) Approx.
Weight	3 Kgs Approx.
Mounting	VESA Mount
External Finish	PU PAINTING Black Matt

Environment

Operating Temp.	-20° C to 55° C
Storage Temp.	-30° C to 65° C
Humidity	5% to 95% Humidity, non-condensing @40° C
RoHS Compliance	RoHS Complied
Ingress Protection	IP-65 rating - Complied

Standards and Certifications

Vibration	Complied As per JSS55555
Altitude	5000m - Complied As per JSS55555
EMI/EMC	MIL STD 461 E/F Complied As per JSS55555

Packing List

AT-10-104-I3 - LCD	x1
Power cable	x1
Mounting Screws	x4
User Manual	x1

Order Information

Part No.	Description
AT-10-1041	10.4" Rugged Display

Dimensions & Drawing

Unit: mm

