

Industrial HMI Operator Panel—S12

Features

- ARM Cortex-A9 (1GHz Dual-Lite)
- 12.1" TFT 1280 x 800, 450 cd/m², 50,000 hours
- 19.2 ~ 28.8V, Isolated Power
- Aluminum IP65 front bezel and steel chassis
- Panel or VESA 100 mm x 100 mm mount
- ESD Protection : Level 4 (Contact Discharge 8KV, Air-Gap Discharge 15KV), Class A
- Suitable for industrial applications



Specifications

CPU Type	ARM Cortex-A9 (1GHz Dual-Lite)
Memory	1GB RAM, 4GB eMMC
Graphics	Build-in
I/O Interface	1 x USB 2.0 host Type A 1 x USB 2.0 device Type B 2 x RS232/422/485, COM1, COM2 1 x RS232/485, COM3 or CAN Bus (Option) 1 x 10/100/1000 Mbit Ethernet Port or 2 x 10/100 Mbit (Option) 1 x SD Card Slot 1 x 2.54 Pin Header (20pin) for 4in/5out/I ² C/SPI/UART/VCC/GND (Option)
Display	12.1" TFT, 1280 x 800 Luminance 450 (cd/m ²) View angle 170/170 (H°/V°) Backlight Lifetime 50,000 hours Contrast ratio 1000:1
Touch Screen	5-wire resistive touch
Power	19.2 ~ 28.8V Isolated Power
Construction	Aluminum IP65 front bezel and steel chassis
Net Weight(Kgs)	4.3 Kg
Mounting	Panel or VESA 100mm x 100mm mount
Dimensions	319.0(W) x 225.0(H) x 56.8(D) mm
Operating Temp.	0°C ~ 50°C
Storage Temp.	-20° ~ 60°C
Humidity	10% to 90% @ 40°C, (non-condensing)
ESD Protection	Level 4 (Contact Discharge 8KV, Air-Gap Discharge 15KV), Class A
Certification	CE/FCC (EN 61000-6-4, EN 61000-6-2)

Ordering Information

S12-N	12.1" TFT 1280 x 800 fan-less HMI with ARM Cortex-A9 (1GHz Dual-Lite) CPU, 1GB RAM, 4GB eMMC, resistive touch screen, Ethernet, 24V±20% isolated power, aluminum front bezel, steel chassis
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