

HMI Panel Mount, 7" LCD monitor, 800 x 480, LED 400 nits, ARM® Cortex™ A53 Octa Core, with Resistive touch



## Features

- Modularize mechanical design provides flexible product configuration and easy maintenance
- Build-in touch screen for interactive application
- ARM Cortex™ A 53 Octa Core
- memory 256 MB / eMMC 518 MB
- 1 x HDMI, 2 x USB 4 x USB onboard, 1 x micro-SD slot,
- 1 x LAN, 4 x UART (2 x RS232, 2 x TTL) 1 x Audio out
- OS: Pre-install Android 5.1, or Linux+QT2.2 or Ubuntu12.04

General Description	Part status	Active
Panel	Cell Type / Glass Surface	TFT LCD
	Aspect Ratio / Size	Wide / 7" viewable diagonal area
	Native Resolution / Colors	800(H) x 480(V) / 262 K
	Brightness / Contrast	400 cd/m <sup>2</sup> (typ) / 500 : 1
	Touch Screen Type	5 Wires Resistive Touch
	Light Source	LED backlight, Long life, 35,000 hrs (typ)
System	CPU	ARM Cortex™ A 53 Octa Core
	eMMC	518 MB
	DDR3	256 MB
	I/O port	1 x HDMI
		2 x USB
1 x Audio out		
1 x Ethernet 10/100/1000 Mbit/s (shielded RJ 45)		
Expansion	1x Micro SD card	
Power	Power Consumption	4 W
	Voltage	24V (10-58 VDC)
Operating Condition	Temperature / Humidity	-10 °C ~ 50°C (32°F ~ 122°F) , 5% ~ 85% (no condensation)
Dimensions	Physical	Please refer to Drawing
	Carton	W x H x D = TBD
Certifications	UL	UL508
	DNV	N/A
	CE	Noise tested according to EN61000-6-4 emission and EN61000-6-2 immunity.
Environmental	Sealing - back panel	IP 20 (optional)
	Sealing - front panel	IP 65 (optional)

5 Wires Resistive Touch	Resolution	2048 x 2048
	Touch Method	Finger, gloved hand or any other pointer
	Touch Accuracy	± 2mm (for 42" screen) over 90% of the touch sensitive area