

## 2023 Newest LCD Industrial High Resolution Monitor 8 Inch

Small rugged monitors are suitable for use in various industrial systems and applications. Touch Think 8 inch industrial monitors are designed for professional use. HDMI, VGA, and BNC connectors optional, thin 3mm front bezel providing desktop, flush, wall-mountable, and embedded mount available.



## **Newest LCD Industrial High-Resolution Monitor 8"**

Compared with consumer electronics, industrial monitors are not designed only for optimal use inside. Outdoor working environments range from landscaping companies to construction sites, from agricultural production activities to cargo shipment. Touch Think offers industrial monitors with easy visibility to improve productivity, reduce eye strain. High brightness monitors function as sunlight-readable industrial monitors.

### **Touch Think Industrial Monitors Features**

- 3mm bezel thin front panel, suitable for embedded cabinet.
- Aluminium alloy shell, good mechanical properties, better performance of heat dissipation.
- Adopts industrial control HD LCD screen + LED backlight screen, highlight picture, perfect color display.
- Working temperature: -20~70 Celsius degree, (-4 ~158 Fahrenheit degree ), humidity range is 10%~90%.
- Front IP65 rated waterproof and dust-proof, good for outdoor devices in harsh environments.
- Resistive touch screen, capacity touch screen, and non-touchscreen available.
- Triple protection: explosion-proof, flameproof, and moisture-proof.
- Standard I/O interface: VGA, HDMI, DVI, automatic identification signal channel.
- Special design for DC power port with anti-shedding, and support DC cable optional.
- Support 7\*24 hours long-time and all-weather operation without interruption.
- GB2423 shock resistance standard, well-protected during transportation, and mining equipment.
- Anti-static level of contact is 4KV, supporting customized MAX 16KV.
- Anti-surge design, it is proper functioning during instantaneous voltage rising into 280V.
- Embedded mounting, wall-mounted, desktop, panel mount, VESA, and open frame for optional.

Screen parameters	Screen size	8 inch
	Model	TPC080-M2
	Resolution	1024*768
	Proportion	4:3 square screen
	Gray-scale response time	5ms
	Panel Type Industrial	Control A style TFT
	Point distance	0.264mm
	Contrast	800:1
	Backlight type	LED, use length≥50000h
	Display color	16.7M
	Visual angle	160/160 (178° full view angle customizable)
	Brightness	400cd/m2 ( high brightness customizable)
	Touch-type	Resistive / capacitive / mouse control
	Number of touches	≥ 50 million times
Other parameters	Power Supply	4A External Power Adapter
	Power Performance	100-240V, 50-60HZ
	Input voltage	12-24V
	Anti-static	Contact 4KV-air 8KV (can be customized ≥16KV)
	Power	≤48W
	Anti-vibration	GB2423 standard
	Anti-interference	EMC EMI anti-electromagnetic interference
	Dustproof and waterproof	Front panel IP65 dustproof and waterproof
	Housing Material	Black/Silver, Aluminum Alloy
	Installation method	Embedded, desktop, wall-mounted, VESA
	Ambient temperature	<80%, non-condensable
	Working temperature	-10°C~60°C (customizable -30°C~80°C)
O/I interface parameters	Language menu	Chinese, English, German, French, Korean, Spanish, Italian, Russian
	Signal Interface	DVI, HDMI, VGA
	Power connector	DC with ring attachment (optional DC terminal block)
	Touch interface	USB
	Other interfaces	Audio input and output