Indoor High Brightness Monitor

High-brightness series monitors use high-definition and high-brightness industrial control screen, frame paste closed process, clear picture quality, colorful, built-in automatic light-sensitive probe, support for automatic light-sensitive adjustments and manual key adjustments, LCD screen comes with a wide-temperature and high-brightness function, flat front panel of up to IP65 dust-proof and water-resistant, is designed specifically for a wide range of environments for the design of industrial products.

Features »

- 7"-21.5" multiple sizes available
- High-brightness LCD screen for clearer picture display
- Wide-temperature LCD screen, no fogging and no black screen in high and low temperature environment.
- Screen brightness can be adjusted, support for automatic sensitivity adjustment and manual key adjustment
- Comply with EMC anti-electromagnetic interference standards, industrial protection, adapt to a variety of harsh environments
- Support 12-36V wide voltage power supply

| 12V-36V | Photosensitive | Highlight | IP65 waterproof | Wide temperature | 7*24H operation |

7"~21.5" optional

ISO FC CE ℃ RoHS ⑩ ☒

Product Model »

Product size	Non-touch	Capacitive Touch	Resistive Touch	Resolution	Screen Scale	Brightness	Contrast ratio	Viewing Angle	Back Cover Style
7"	TPC070-M800	TPC070-M810	TPC070-M820	1024*600	16:9	800cd/m²	500:1	75/75/70/75 (L/R/U/D)	(7-8 inch small back cover)
8"	TPC080-M800	TPC080-M810	TPC080-M820	1024*768	4:3	700cd/m²	800:1	85/85/85/85 (L/R/U/D)	
10.1"	TPC101-M800	TPC101-M810	TPC101-M820	1280*800	16:10	800cd/m²	1000:1	80/80/80/80 (L/R/U/D)	(10.1-11.6 inch middle back cover)
10.4"	TPC104-M800	TPC104-M810	TPC104-M820	1024*768	4:3	800cd/m²	1000:1	80/80/80/80 (L/R/U/D)	
11.6"	TPC104-M800	TPC104-M810	TPC104-M820	1920*1080	16:9	900cd/m²	1000:1	85/85/85/85 (L/R/U/D)	
12"	TPC120-M800	TPC120-M810	TPC120-M820	1024*768	4:3	800cd/m²	1000:1	85/85/85/80 (L/R/U/D)	
15"	TPC150-M800	TPC150-M810	TPC150-M820	1024*768	4:3	1000cd/m²	1000:1	89/89/89/89 (L/R/U/D)	(15-21.5 inch large back cover)
15.6"	TPC156-M800	TPC156-M810	TPC156-M820	1920*1080	16:9	1000cd/m²	1000:1	80/80/80/80 (L/R/U/D)	
17"	TPC170-M800	TPC170-M810	TPC170-M820	1280*1024	5:4	1000cd/m²	1000:1	80/80/70/70 (L/R/U/D)	
19"	TPC190-M800	TPC190-M810	TPC190-M820	1280*1024	5:4	1000cd/m²	1000:1	85/85/80/80 (L/R/U/D)	
21.5"	TPC215-M800	TPC215-M810	TPC215-M820	1920*1080	16:9	1000cd/m²	1000:1	85/80/85/85 (L/R/U/D)	

Product Installation »

| Embedded installation | Embedded installation | Wall mounted installation | Desktop installation | Louver installation | Cantilever installation | Boom type installation |

Product Specifications »

Hardware Configuration

CPU	RTD2513/RTD2556
Key functions	AUTO,MENU,POWER,LEFT,RIGHT
Menu language	Multi language (default English)
Video input	PC-RGB:Format,Up to 1920*1080@60HZ
	PC-RGB:Color,16bit, 24bit, 32bit

Touch Screen

Capacitive Touch	Touch screen type: 10 point touch projection capacitive touch screen Light transmittance: ≥ 88% Input mode: handwriting or capacitive pen Controller communication: USB
Resistive Touch	Touch screen type: single point resistive touch screen Light transmittance: ≥ 78% Input mode: Fingertip or stylus Controller communication: USB
Non-touch	Light transmittance: ≥ 92%

Environmental

Working Temperature	-20 ℃ ~70 ℃
Storage Temperature	-30 ℃ ~ 80 ℃
Relative Humidity	Humidity: 95% Non-Condensing
Vibration protection	IEC 60068-2-64, random, 5 ~ 500 Hz, 1 hr/axis
Impact protection	IEC 60068-2-27, half sine wave, duration 11ms
Product certification	CCC/CE/FCC/EMC/CB/ROHS

Other

Power Input	12V-36V power input
Static power	18W
Fuselage Properties	Body material:aluminum alloy, body color: technical silver, classic gun black
Warranty Policy	Three years (one year free warranty)
Installation Method	Support embedded, wall mounted, desktop, cantilever, boom and other installation methods

I/O Interface

DC	1*DC2.1 (DC 12-36V)
HDMI	1*HDMI , high-definition audio digital signal transmission, support HDMI data input, maximum support 1080P
VGA	1*VGA， Analog signal transmission, supporting the best resolution of VGA
DVI	1*DVI , digital signal transmission, supporting the best resolution of DVI digital signal
TOUCH	1*TOUCH, RJ45 interface standard (defined as USB), can be connected with capacitance/resistance touch
AUDIO I/O	1*AUDIO I/O, supporting audio input and output; Headphone stand: 3.5mm standard interface
GND	1*GND

Interface Distribution »

Auto Brightness Manual brightness

TOUCH HDMI DVI VGA Audio I/O DC GND

Only the 17 inch interface is displayed. Please refer to the actual object for details.