2nd Gen A-series Embedded Industrial Monitor

It has 10.1 "- 23.8" multiple sizes to choose from. The entire panel adopts 3mm ultra-thin panel that is more suitable for embedded installation, aluminum alloy structure, fanless totally enclosed design, and is equipped with self-developed industrial display drive board. The whole machine has low power consumption, good scalability, practicability, EMC compatibility and other performance, and is widely used in industrial control, military, communication, power, network, intelligent self-service terminal equipment and other automation applications.

Features »

- The front frame is only 3mm thick, specially designed for embedded installation applications
- High precision die-casting aluminum molding, pure plane wire drawing process design, dustproof and waterproof
- Self developed display driver board, multiple touch modes available
- Industrial protection, applicable to various harsh environments
- Support VGA, HDMI, DVI and automatic identification of signal channels

| Industrial grade | 3mm thin edge | Dissipate heat | IP65 front | Rich Interfaces | 24H operation |

10.1″~23.8″ optional

Model »

Product size	Non-touch	Capacitive Touch	Resistive Touch	Resolution	Screen Scale	Brightness	Contrast ratio	Viewing Angle	Back Cover Image
10.1"	TPC101-M200	TPC101-M210	TPC101-M220	1280*800	16:10	300cd/m²	1000:1	85/85/85/85 (L/R/U/D)	(10.1-12.1 inch small back cover)
10.4"	TPC104-M200	TPC104-M210	TPC104-M220	1024*768	4:3	400cd/m²	1000:1	80/80/80/60 (L/R/U/D)	
11.6"	TPC116-M200	TPC116-M210	TPC116-M220	1920*1080	16:9	300cd/m²	1000:1	85/85/85/85 (L/R/U/D)	
12"	TPC120-M200	TPC120-M210	TPC120-M220	1024*768	4:3	500cd/m²	1000:1	85/85/85/85 (L/R/U/D)	
12.1"	TPC121-M200	TPC121-M210	TPC121-M220	1280*800	16:10	300cd/m²	1000:1	65/65/65/65 (L/R/U/D)	
13.3"	TPC133-M200	TPC133-M210	TPC133-M220	1920*1080	16:9	220cd/m²	1000:1	85/85/85/85 (L/R/U/D)	(13.3-23.8 inch large back cover)
15.6"	TPC156-M200	TPC156-M210	TPC156-M220	1920*1080	16:9	300cd/m²	800:1	85/85/85/85 (L/R/U/D)	
15"	TPC150-M200	TPC150-M210	TPC150-M220	1024*768	4:3	300cd/m²	1000:1	89/89/89/89 (L/R/U/D)	
17"	TPC170-M200	TPC170-M210	TPC170-M220	1280*1024	5:4	300cd/m²	1000:1	85/85/80/70 (L/R/U/D)	
17.3"	TPC173-M200	TPC173-M210	TPC173-M220	1920*1080	16:9	300cd/m²	600:1	80/80/60/80 (L/R/U/D)	
18.5"	TPC185-M200	TPC185-M210	TPC185-M220	1920*1080	16:9	300cd/m²	1000:1	80/80/80/60 (L/R/U/D)	
19"	TPC190-M200	TPC190-M210	TPC190-M220	1280*1024	5:4	300cd/m²	1000:1	85/85/80/80 (L/R/U/D)	
19.1"	TPC191-M200	TPC191-M210	TPC191-M220	1440*900	16:10	300cd/m²	1000:1	80/80/80/80 (L/R/U/D)	
21.5"	TPC215-M200	TPC215-M210	TPC215-M220	1920*1080	16:9	300cd/m²	1000:1	89/89/89/89 (L/R/U/D)	
23.8"	TPC238-M200	TPC238-M210	TPC238-M220	1920*1080	16:9	250cd/m²	1000:1	89/89/89/89 (L/R/U/D)	

Installation »

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

Specification »

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 Parameter

Capacitive Touch	Projection capacitive touch, 10-point multi touch Touch object: hand or capacitive touch pen Light transmission: ≥88% Controller: USB (COM customized)
Resistive Touch	Resistive touch, Single point Touch object: finger or stylus Light transmission: ≥78% Controller: USB (COM customized)
Non touch	Transmittance: ≥92%

Reliability Parameter

Working Temperature	-10℃~60℃(-20℃~70℃ can be customized)
Storage Temperature	-20 ℃ ~ 70 ℃
Relative Humidity	Humidity: 95% Non-Condensing

Other Parameter

Power Input	12V-36V Power Input
Power adapter	24V/1.5A
Fuselage Properties	Body material:aluminum alloy, body color: technical silver, classic gun black
Warranty Policy	Three years (one year free warranty)
Installation Method	Embedded installation is recommended, supporting wall mounted, desktop mounted, cantilever mounted, boom mounted, etc

Interface Parameter

Power interface	1*Threaded DC connector (Diameter 5.5*2.1mm)
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

I/O Interface »

Only the 15 inch interface is displayed. Please refer to the actual object for details.