

19" Touch Monitor

P190-710A-01

Technical Specification

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1、 Characters

IRTOUCHSYSTEMS'S Touch Monitor is a touch display module solution for the self-service touch device manufacturers and system integrators. Features such as vandal proof, water proof, maintenance free as well as long life time make it an ideal choice for many interactive applications such as POS, touch monitors, Kiosks, etc.

PTM is a brand-new series of touch monitor with max 10-point touch.

Benefits:

- Vandal proof, scrape-resistant (Optional)
- water proof, IP65 on the surface(Only Infrared Touch Screen)
- High-precision
- Fast response speed
- Fault tolerance design to ensure reliability
- Flat surface design, better user experience

Typical Applications:

- POS
- Desktop touch monitor
- Indoor/outdoor kiosk
- In-vehicles and transportation
- Medical instrument
- Industrial control systems
- Gaming machine
- Ticket machine
- Vending machine
- Electronic class board



2、 Order information

Part Number	Description	Version
P190-710A-01	19", 5:4, 250 nits, 10 points PCAP	V1.1

3、Specifications

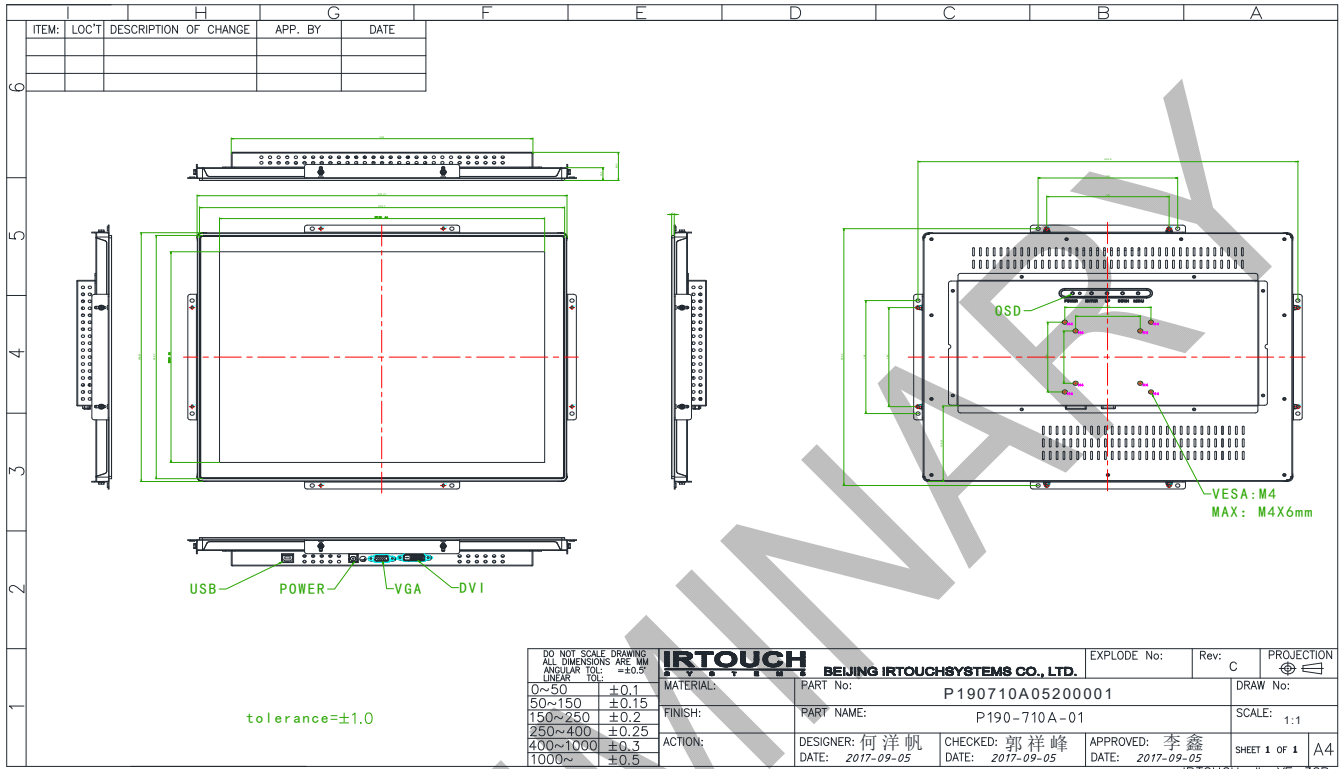
Display Type	19" Active Matrix TFT LCD
Case/Bezel Color	Black
Aspect Ratio	5:4
Active Display Area	Panel: 376.32mm(H) × 301.056mm(V)
Native Resolution	1280 × 1024 @ 60 Hz
Pixel Response Time (Typ.)	3.6/1.4 (Typ.)(Tr/Td) ms
Support Colors	16.7M , 72% [CIE1931]
Brightness (Typ.)	LCD Panel: 250 cd/m ²
Contrast Ratio (Typ.)	1000:1
Viewing Angle (from centre, CR>10)	Horizontal (left/right): 170° (85°/85°) Vertical (up/down): 160° (80°/80°)
Input Video Signal Connector	VGA DVI-D
Audio (Optional)	PC Audio IN
Speaker (Optional)	1W x 2(8Ω)
Touch Technology	Projected Capacitive Touch (P-Cap)
Touch Point	MAX: 10 points
Touch Interface	USB
On Screen Display (OSD)	Control : Power, AUTO, MEMU, UP, DOWN
Power Supply	External Adapter: 100-240 VAC, 50-60 Hz Input Voltage Range: +12VDC ± 5%
Input Connector	DC: Coaxial power jack (2.5 mm pin diameter, 5.5 mm barrel diameter, 11.5 mm barrel length)
Power Consumption (Max)	25 W
Touch Resolution	32767 × 32767
Touch Response Time	< 10ms
Transmittance	> 86%
Surface Hardness	≥6H
Click Life Time	No limited
Temperature Range	Operating: 0°C to 50°C Storage: -20°C to 60°C
Relative Humidity	Operating: 20%-80% Storage: 10%-90%
Warranty	1 years
Agency Approvals	FCC, CE

4、ROHS COMPLIANCE

IRTOUCH touch monitor is RoHS compliant.

5、Mechanical Dimensions

IRTOUCH reserves the right to explain the terms of the document.



Record of Revision

Version	Change information	Data
1.0	Initial Release	
1.1	LCD panel information changes	11/01/2018