

Industrial Touch Monitor (Surface-Mount / A3 Series)

6.5" - 27" Industrial Touch Monitor — Front Flush-Mount Installation, IP65/IP66 Front Panel

01	Display Characteristics
Screen Size	6.5" - 27" (Customizable)
Panel	TFT-LCD
Native Resolution	800x600, 1024x600, 1024x768, 1280x800, 1366x768, 1280x1024, 1440x900, 1680x1050, 1920x1080, 2560x1440, 3840x2160
Aspect Ratio	4:3 / 5:4 / 16:9 / 16:10 / 17:10 / 21:9
Contrast Ratio	700:1 / 1000:1 / 1200:1
Pixel Pitch	Varies by screen size*
Display Colors	16.7M
Display Mode	TN, IPS (S-IPS / E-IPS / H-IPS), VA
Viewing Angle	L/R 165° / U/D 155° (Full view L/R 178° / U/D 178° optional)
Brightness	Standard 250-300 cd/m² (400-1500 cd/m² customizable)
Refresh Rate	60Hz
Response Time	7ms
Color Gamut	RGB ≥ 70%
Backlight	LED
Lifetime	≥ 50,000 Hours
02	Touch
Touch Technology	Capacitive / Resistive / Infrared / SAW (Surface Acoustic Wave)
Touch Structure	G+G / G+P+F
Surface Hardness	4H / 5H (other hardness customizable)
Touch Force (resistive)	30g - 75g (other technologies customizable)
Touch Life	35 million / 50 million cycles (theoretical)
Touch Protocol	USB / I2C / RS232
Touch Interface	USB-A/B, RJ45, DB9
03	Video Interface & Controller
Chip Solution	Realtek / Mstar
Display Interface	VGA, DVI (HDMI, DP, CVBS, YPbPr, BNC, AHD optional)
Audio Input	Supports 8Ω 2W speaker (optional)
04	Enclosure
Front Frame Material	Aluminum Alloy
Rear Cover Material	Iron sheet / Cold-rolled steel
Surface Treatment	Anodized brushed finish or powder coating
Water / Dust Protection	Front (display side) IP65
Supported Host Systems	Windows, Android, Linux, Raspberry Pi
Color	Silver / Black (other colors customizable)
OSD Languages	8 languages (default Chinese)
Overall Dimensions (W x H x D)	Varies by screen size (see product drawing)
Net Weight	

05 Power & Installation

Input Voltage	AC100-240V adapter, DC12V4A output (internal AC power optional)
Power Consumption	Dependent on size / configuration (consult sales for details)
Mounting	VESA wall mount, flush / embedded mount, latch mount, etc.

06 Environmental

Operating Temperature	-10°C to 60°C standard (customizable)
Operating Humidity	10% - 90%, non-condensing
Environmental Customization	Humid, high-temperature, low-temperature, outdoor, vehicle/vibration, marine, and high-EMI environments available on request

07 Accessories Included

Cables	Power adapter (AC100-240V in, DC12V4A out), power cable, VGA or HDMI cable
Other	Mounting clips & screws, fixing brackets, user manual, warranty card, certificate*

08 Certification & Warranty

Certification	CE / FCC / RoHS
Warranty	1 year free of charge (excluding man-made damage)
Packaging	PE bag, EPE foam, corrugated carton

For detailed configurations and pricing, please contact our sales team: +86 132 4487 5669 (WhatsApp/WeChat)