

19" *Resistive* Single Touch Monitor (Embedded)

Products application :

- POS Terminal
- Industrial PC
- Kiosk
- Gaming
- Medical apparatus
- Personal computer
- Mobile GPS
- Office automation
- Security system of the house
- Car-mounted amusement
- Military equipment
- Communicate



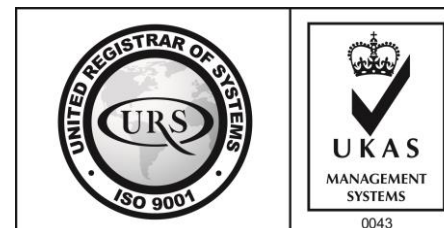
AIM-TMOP5R190-R31

Order information :

Touch interface :

Mount type :

AIM-TMOP5R190-R31	USB	Embedded (Open Frame)
AIM-TMOP5R190-R32	RS232	
AIM-TMOP5R190-R33	USB	Embedded (Open Frame)
AIM-TMOP5R190-R34	RS232	



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Display Specifications :

Active Area	376 × 301 mm
Pixel Pitch	0.294 × 0.294 mm
Brightness	250 cd/m ²
Contrast Ratio	1000 : 1
Resolution	1280 x 1024 (SXGA)
Viewing Angle	L/R178° ; U/D170°
Response Time	5ms (Tr + Tf)
Display Colors	16.7M
Display Modes	640×480 ; 800×600 ; 1024×768 ; 1280×1024
Signal input	VGA ; Audio ; DVI
Speaker	1W (8Ω) × 2
OSD Keyboard	⊙Power ⊙Auto adjust ⊕+ ⊖- ⊙Menu
Power Source	DC 12V (DC Jack Φ2.1mm)
Power Consumption	≤16w
Storage 、 Operation	-20~60°C ; 0~50°C
VESA	75×75 ; 100×100 mm
Casing Colors	Black (OEM other colors)
Casing Size 、 Weight	398.5 × 326.5 × 50 mm ; 4.8 kg (W×H×D)
Carton 、 gross weight	550 × 395 × 170 mm ; 6.3 kg (W×H×D)
Accessory	VGA cable / HDMI cable / Audio cable / AC100~240V Adapter / Power cable / USB or RS232 cable / Touch pen / Cleaning wipes / Driver Disk
	※DP cable (Optional)

※AiM Touch has the right to update specs without further notice



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【OSD Key at the bottom of the Monitor】

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Touch Feature :

Input Method	Finger, gloved hand, or stylus activation
Activation Force	$\leq 50g$
Linearity	$\leq 1.5\%$
Surface	$\geq 3H$
Life Time	$\geq 35,000,000$
Application	Writing and Signature Capture Capability

Software Feature :

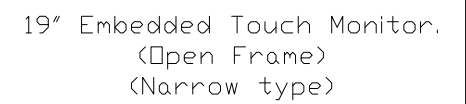
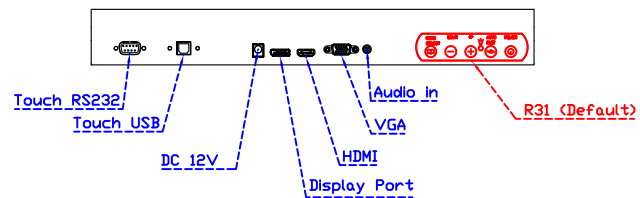
Calibration	Fast full oriental 4 points position
Compensation	Edge compensation. Accuracy 25 points linearity compensation
Draw Test	Position and linearity verification
Controller	Support multiple controllers
Languages	English · Simple Chinese · Traditional Chinese · Japanese · French · German · Spanish · Korean · Arabic · Czech · Danish · Dutch · Greek · Hungarian · Italian · Norwegian · Russian · Polish · Portuguese · Slovenian · Swedish · Thai · Turkish
Mouse Emulator	Right / left button emulation. Auto Right / left Click (PDA function)
Touch Style	Drawing a Mode · button a Mode · Touch Off/ on Switch
Double Click	Configurable double click speed · Configurable double click area
Sound Modes	No sound · Touch down · Touch up
COM Port Support	COM1 ~ COM255 for Windows and Linux COM1 ~ COM8 for MS- DOS
Display Support	display rotation · Support multiple monitors
Support O.S	All Windows-32/64bit O.S Android ; Linux ; MAC



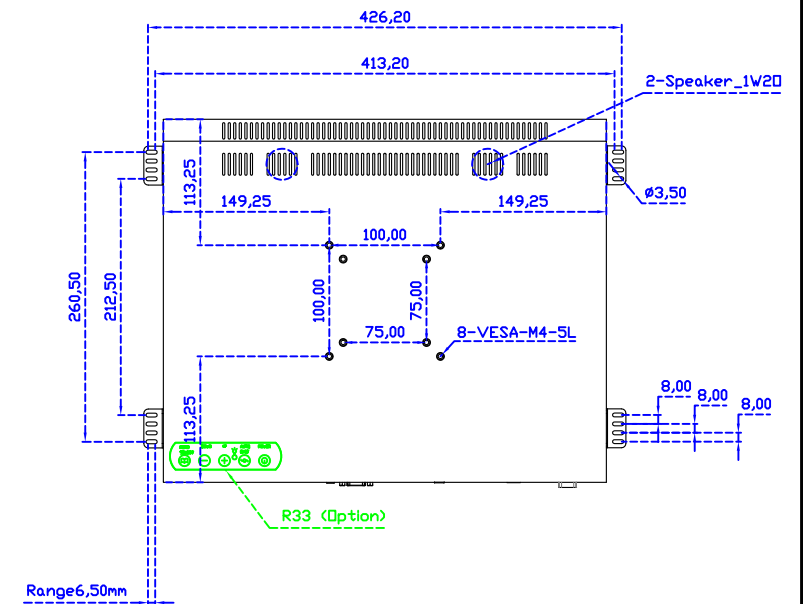
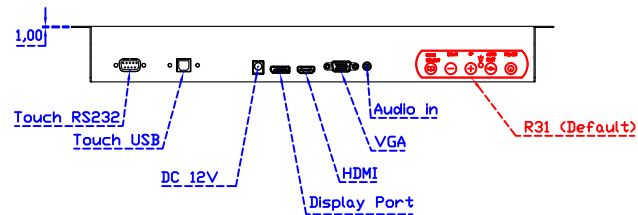
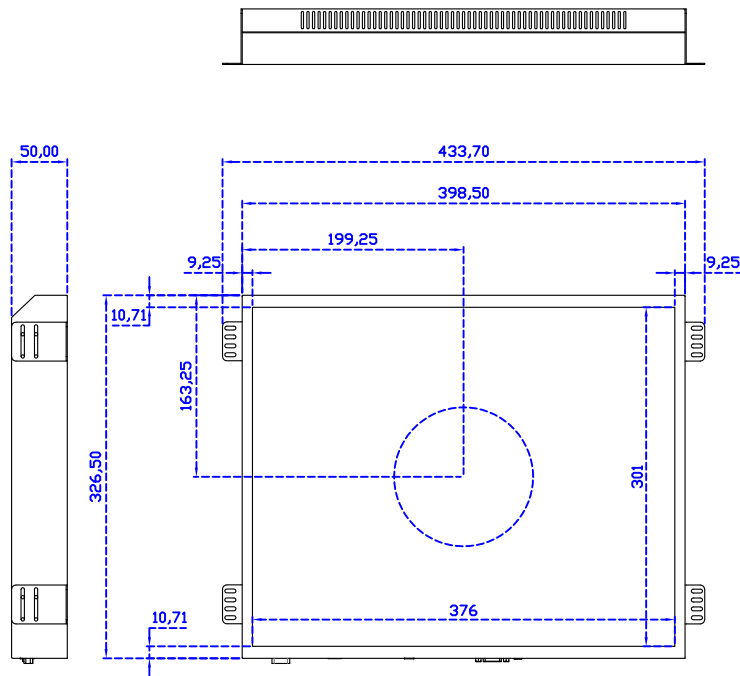
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【 OSD Key on the back of the Monitor 】

3 Year Warranty
LCD Panel 1 Year



AIM-TMPxxxx190-R31_R33
(2025/07/14)



19" Embedded Touch Monitor.
(Open Frame)
(VESA Mount)

AIM-TMOPxxxx190-R31_R33
(2025/07/14)