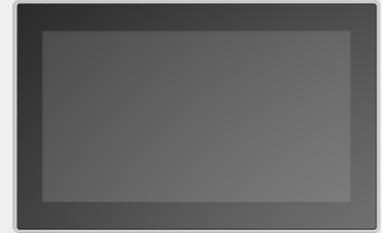


TMC070 7" Desktop/ Wall-Mountable Touchscreen Monitor

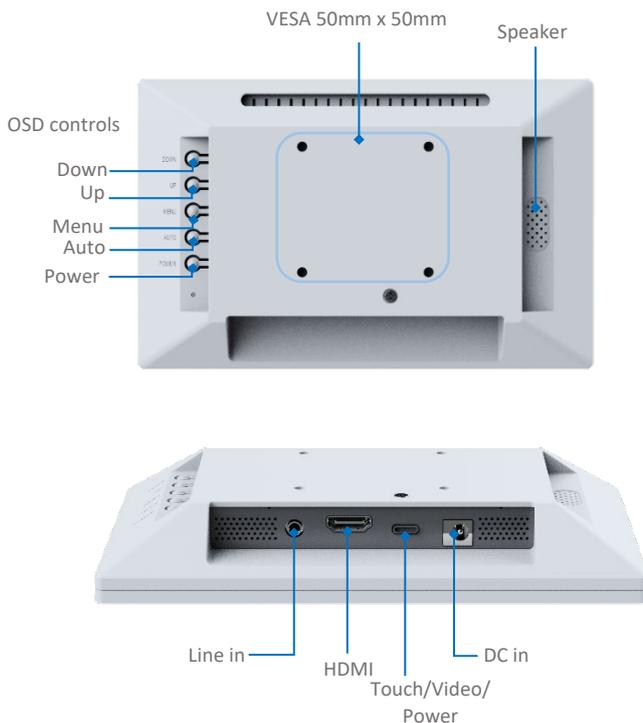


Product Brief

Vantron Technology offers open-frame & desktop/wall-mountable touchscreen monitors that vary in screen size from 7 inches to 55 inches and resolution from 1024 x 600 to 3840 x 2160. When used with Vantron embedded industrial computers or single board computers, such touchscreen monitors will offer more flexible solutions for customers to meet the requirements of application in different scenarios such as industrial control, health care, education, retail, transportation, and finance.

TMC070 desktop/wall-mountable touchscreen monitor applies a 7-inch screen and features quick response time, large visible area and viewing angle to optimize the display performance. Users have the option to equip the touchscreen with anti-glare, anti-reflection and anti-fingerprint coatings that offer excellent visual experience and improve human-machine interaction accuracy. Moreover, TMC070 is designed with a VESA pattern to simplify mounting onto a variety of stands, arms, walls or medical carts. The OSD controls allow users to change settings of the display in a more convenient manner to enhance user experience.

Exterior and Features

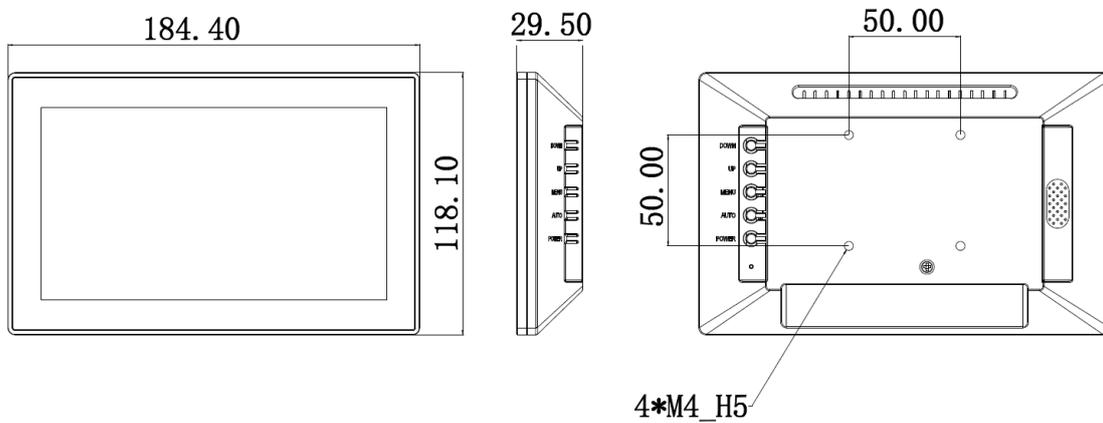


TMC070	
	7" TFT LCD, 5-point PCAP touch screen
	Sleek appearance
	AF/AR/AG touchscreen surface treatment
	VESA pattern for flexible installation
	Excellent longevity (50,000H MTBF)
	Vanity free, easy integration

TMC070 7" Desktop/Wall-Mountable Touchscreen Monitor Datasheet

TMC070		
Display	Diagonal Size	7" TFT LCD with LED backlight
	Aspect Ratio	16:9
	Resolution	1024 x 600
	Brightness (typical)	300 nits
	Active Area	154.21mm x 85.92mm
	Contrast Ratio	800:1
	Number of Colors	16.7M
	Response Time	25ms
	Viewing Angle	Horizontal: 150° Vertical: 140°
Touch panel	Touch Point	5-point PCAP touch screen
	Touch Control	Finger, stylus pen, glove
	Surface Treatment	Anti-fingerprint, tempered glass (Optional: Anti-glare / Anti-reflection)
	Light Transmittance Ratio	>85%
	Touch Communication Interface	USB type-C (Single-cable solution for touch, video, and power)
Video	Video Interface	1 x USB type-C (DP1.2) 1 x HDMI
	Input Video Frequency	Horizontal: 31.5 - 80 kHz, Vertical: 60 Hz
Audio	Audio Interface	1 x Line in
	Speaker	2 x Internal speaker
Mechanical	Dimensions	184.4mm x 118.1mm x 29.50mm
	Enclosure Color	White (Black optional)
	Weight	0.9kg
	Installation	VESA mount (50mm x 50mm)
	OSD	Built-in OSD (set up with OSD keys) Controls: Menu, Up, Down, Auto, Power
Software	Power input	12VDC, via the USB type-C (PD supported) or power jack
	Power Consumption	< 6W
	OSD Language	English
	Adjustment of brightness, contrast ratio and color temperature	Supported
Environmental Condition	Temperature	Operating: 0°C ~ +40°C Storage: -20°C ~ +60°C
	Humidity	Operating: 20%~80% RH (non-condensing) Storage: 10%~95% RH (non-condensing)
	MTBF	50,000 hours demonstrated
	Warranty	3 years
	ESD	ESD: ±4KV (contact) and ±8KV (air)
	Certification	FCC, CE, UL

Product Outlines



Ordering Information

Ordering No.	AG	AR
TMC070-G	Yes	-
TMC070-GR	-	Yes
TMC070	-	-

Packing List	
TMC070 touchscreen monitor	1
Power adapter	1
Power cable (US)	1
Touch USB type-C cable	1
HDMI cable	1

Since its establishment in 2002 by two Silicon Valley entrepreneurs, Vantron Technology has been at the forefront of the connected IoT devices and IoT platform solutions. Today, Vantron boasts a global customer base that includes Fortune Global 500 companies. Its product lines cover edge intelligent hardware, IoT communication devices, industrial displays and BlueSphere cloud platforms.

Vantron’s intelligent displays are comprised of industrial tablets, touchscreen monitors, and all-in-one panel PCs that deliver enhanced device performance and exceptional human-machine interactive experiences. The industrial tablets are powered by industry-leading brands such as Rockchip, NXP, MediaTek, and Intel. The touchscreen monitors offer flexible installation options to cater to various application scenarios. The all-in-one panel PCs offer an overall solution that integrates the touchscreen monitor, display, processor, and operating system. Moreover, the displays are built to excel in harsh environments thanks to advanced features like waterproofing, dustproofing, and shatter resistance.