Monitors   Intermediate   Sapphire Series

Sapphire Series Monitors are designed to meet all the high performance requirements of the industrial world.
The aesthetics follow the most modern, essential and minimalist lines, which are perfectly combined with high robustness.
The construction concept favours flush mounting. Aluminum alloy body, totally enclosed fanless design, solid structure layout, designed for various complex environments, can ensure long-term stable operation in harsh environments; Complete machine materials pay more attention to its reliability, multi environment adaptability, real-time scalability and EMC compatibility, and are widely used in high-end automation fields such as industrial control, military, communication, power and network.

Features »

- The appearance is independently molded, and the front panel has a narrow frame design, which makes the display wider.
- Strong structural design, stable vibration resistance, dust-proof and waterproof.
- Rich interfaces, Support 12-36V wide voltage power input.
- Precise and sensitive touch, multiple touch modes are optional.
- It is suitable for dust, oil, water mist, strong electromagnetic, high-frequency vibration and other complex heavy industrial environments.

| -10-60℃ | Anti-seismic | Ruggedized | IP65 waterproof | 7*24H operation |

ISO FC CE CC **RoHS** 10

Product Model »

Product size	Capacitive Touch	Resolution	Screen Scale	Brightness	Contrast ratio	Viewing Angle	Dimensions (mm)
7"	GPV-SAP-7	1024*600	16:9	300cd/m²	600:1	85/85/85/85 (L/R/U/D)	-
8"	GPV-SAP-8	1024*768	4:3	300cd/m²	600:1	85/85/85/85 (L/R/U/D)	-
10.1"	GPV-SAP-101	1280*800	16:10	300cd/m²	600:1	85/85/85/85 (L/R/U/D)	267.5 x 186.28 x 61
10.4"	GPV-SAP-104	1024*768	4:3	300cd/m²	800:1	75/75/70/75 (L/R/U/D)	265.6 x 213 x 61
11.6"	GPV-SAP-116	1920*1080	16:9	300cd/m²	800:1	85/85/85/85 (L/R/U/D)	312 x 200 x 59
12"	GPV-SAP-120	1024*768	4:3	300cd/m²	800:1	85/85/85/85 (L/R/U/D)	297.97 x 236.5 x 61
12.1"	GPV-SAP-121	1280*800	16:10	300cd/m²	600:1	80/80/80/60 (L/R/U/D)	-
15.6"	GPV-SAP-156	1920*1080	16:10	300cd/m²	800:1	85/85/85/85 (L/R/U/D)	406 x 260 x 67.5
15"	GPV-SAP-150	1024*768	4:3	300cd/m²	700:1	80/80/70/70 (L/R/U/D)	365.5 x 289.5 x 64.5
17"	GPV-SAP-170	1280*1024	5:4	300cd/m²	1000:1	80/80/80/70 (L/R/U/D)	389.5 x 321.9 x 62.8
17.3"	GPV-SAP-173	1920*1080	16:9	300cd/m²	600:1	80/80/60/80 (L/R/U/D)	439.8 x 272.7 x 69.8
19"	GPV-SAP-190	1280*1024	5:4	300cd/m²	1000:1	75/75/70/75 (L/R/U/D)	429.32 x 354.06 x 63.5
19.1"	GPV-SAP-191	1440*900	16:10	300cd/m²	1000:1	85/85/80/80 (L/R/U/D)	461.5 x 309.4 x 35.5
21.5"	GPV-SAP-215	1920*1080	16:9	300cd/m²	1000:1	89/89/89/89 (L/R/U/D)	528.2 x 319.6 x 68.3

Product Installation »

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

Sapphire Series

Product Specifications »

Hardware Configuration

CPU	RTD2513/RTD2556
Key functions	AUTO, MENU, POWER, LEFT, RIGHT
Menu language	English
Video input	PC-RGB: Format, Up to 1920x1080 @60HZ
	PC-RGB: Color, 16bit, 24bit, 32bit

Touch Screen

Capacitive Touch	Type of touch screen: projection capacitive touch screen Resolution: 500DPI Input mode: handwriting or capacitive pen Surface hardness: Mohs hardness 7H (according to ATSM D3363 standard) Touch times: ≥50 million times
Resistive Touch	Touch screen type：Resistance touch screen Input mode: fingertip or touch pen Surface hardness: Mohs hardness 3H (according to ATSM D3363 standard) Touch times:≥35 million times

Environmental

Working Temperature	-10 ℃ ~ 60 ℃
Storage Temperature	-20 ℃ ~ 70 ℃
Operating Humidity	Humidity: 95% Non-Condensing
Anti-interference	EMI/EMC interference detection standard
Anti vibration	5-19HZ/1.0mm amplitude; 19-200HZ/1.0g acceleration
Impact resistance	10g acceleration, 11ms period

Other

Power Input	AC 100-240V 50/60Hz passed CCC certification and CE certification
Power Output	DC 12V / 4A
Rated Power	35W
Fuselage Properties	Body material: aluminum alloy. Body color: technical silver, classic gun black
Warranty Policy	One year free, extendable to 2 or 3 years on request
Installation Method	Embedded installation is recommended, supporting wall mounted, desktop mounted, cantilever mounted, boom mounted, etc

I/O Interface

DC	1x DC , with thread, supports wide voltage power supply: 12V-24V, 12-36V, DC power port anti drop design
HDMI	1x HDMI , high-definition audio digital signal transmission, support HDMI data input, maximum support 1080P
VGA	1x VGA, analog signal transmission, supporting the best resolution of VGA
DVI	1x DVI , digital signal transmission, supporting the best resolution of DVI digital signal
TOUCH	1x TOUCH, RJ45 interface standard (defined as USB), can be connected with capacitance/resistance touch
AUDIO I/O	1x AUDIO I/O , 3.5mm standard interface
Industrial terminal	1x Industrial terminal, support data transmission and power supply functions

Interface Distribution »

Only the 15 inch interface is displayed. Please refer to the actual object for details.
* All specifications and photos are subject to change without notice.