Monitors   Performance   Diamond Series

The Diamond Series Monitors are the top of G.P. Tecno's range. All the electronic and mechanical components have been conceived and designed with the utmost care, in order to achieve the highest level of performance.

The stainless steel front panel (IP65 protection) and the die-cast aluminium rear case - designed for optimal dissipation - give the Diamond Series Monitors a very high constructive robustness, without penalising the aesthetics, which follows the most modern, essential and minimalist lines. High precision aluminum alloy architecture and fully enclosed design. Support embedded, desktop, wall mounted and other diversified installation methods to meet the application needs of different devices in different environments.

Features »

- Ultra Slim front bezel
- High precision die-casting aluminum molding, dustproof and waterproof.
- Conform to EMC anti electromagnetic interference standard.
- Industrial protection, applicable to various harsh environments.
- Equipped with dual networks, supporting 9-36V wide voltage power supply;
- Rich interfaces.

| No fan cooling | High performance | IP65 waterproof | 7*24H operation |

ISO FC CE CCC RoHS

Product Model »

Product size	Reference	Resolution	Screen Scale	Brightness	Contrast ratio	Viewing Angle	Dimensions (mm)	Weight (kg)
10.1"	GPV-DIA-101	1280*800	16:10	400cd/m²	900:1	85/85/85/85 (L/R/U/D)	275 x 194 x 55	4.0
12"	GPV-DIA-120	800*600	4:3	400cd/m²	800:1	80/80/65/75 (L/R/U/D)	304 x 243 x 55	5.0
12.1"	GPV-DIA-121	1280*800	16:10	700cd/m²	600:1	85/85/85/85 (L/R/U/D)	314 x 216 x 62	4.0
13.3"	GPV-DIA-133	1920*1080	16:9	400cd/m²	900:1	89/89/89/89 (L/R/U/D)	344.50 x 216 x 62	5.0
15"	GPV-DIA-150	1024*768	4:3	350cd/m²	1000:1	89/89/89/89 (L/R/U/D)	361 x 285 x 55	7.0
15.6"	GPV-DIA-156	1920*1080	16:9	600cd/m²	1000:1	89/89/89/89 (L/R/U/D)	400 x 250 x 55	7.0
17"	GPV-DIA-170	1280*1024	5:4	400cd/m²	1000:1	88/88/88/88 (L/R/U/D)	395 x 327 x 55	8.0
17.3"	GPV-DIA-173	1920*1080	16:9	400cd/m²	600:1	80/80/60/80 (L/R/U/D)	441 x 274 x 55	8.0
19"	GPV-DIA-190	1280*1024	5:4	450cd/m²	1000:1	85/85/80/80 (L/R/U/D)	438 x 362 x 55	8.0
21.5"	GPV-DIA-215	1920*1080	16:9	400cd/m²	3000:1	89/89/89/89 (L/R/U/D)	538 x 330 x 55	12.0
24"	GPV-DIA-240	1920*1080	16:9	350cd/m²	1000:1	85/85/80/80 (L/R/U/D)	594 x 377 x 60	16.0

Product Installation »

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

Diamond Series

Product Specifications »

Hardware Configuration

Key functions	OSD control keys
Menu language	English
Backlight Lifetime	30000 Hr (min.)

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 °C ~ 60 °C
Storage Temperature	-20 °C ~ 70 °C
Operating Humidity	Humidity: 95% Non-Condensing
Anti-interference	EMI/EMC interference detection standard
Anti vibration	5-500 Hz, 0.026 G2/Hz, 2.16 Grms, X, Y, Z, 1 hour per axis
Impact resistance	10g acceleration, 11ms period

Other

Power Input	AC 100 - 240V ~ 50/60Hz, 1.5A
Power Output	DC 12V (optional DC IN 9V ~ 36V)
Fuselage Properties	Body material: aluminuim alloy, stainless steel Panel. Body color: grey
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 power switch
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 USB PCAP (Optional resistive)
AUDIO I/O	1x AUDIO I/O , 3.5mm standard interface

Interface Distribution »

Only the 15 inch interface is displayed. Please contact G.P. Tecno for details.
* All specifications and photos are subject to change without notice.