

## Monitors

## Entry Level

## Emerald Series

This series of industrial Monitors comply with the consistent industrial standards, with 10.1 " ~ 27 " options, offering a very competitive price. Support embedded, desktop, wall mounted and other diversified installation methods to meet the application needs of different devices in different environments.

### Features >

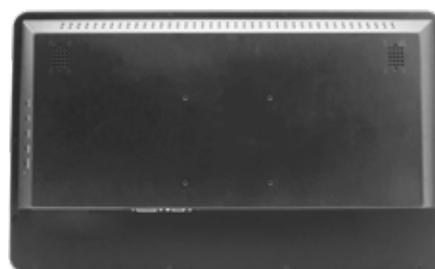
- Modern design, with grey painted aluminium bezel and back metal cover with VESA fixing.
- Conform to EMC anti electromagnetic interference standard.
- Front IP65 industrial protection, applicable to various harsh environments.
- Supporting 12V power supply (12/24V on 27");
- Most common used interface ports.
- Competitive price.



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-EME-101	1280x800	16:9	350cd/m <sup>2</sup>	800:1	85/85/85/85 (L/R/U/D)	168.4 x 249.8	3.5
15"	GPV-EME-150	1024*768	4:3	300cd/m <sup>2</sup>	1500:1	85/85/85/85 (L/R/U/D)	274.4 x 348.4	4.0
15.6"	GPV-EME-156	1920*1080	16:9	220cd/m <sup>2</sup>	800:1	85/85/85/85 (L/R/U/D)	245.5 x 388.2	4.5
17"	GPV-EME-170	1280*1024	5:4	350cd/m <sup>2</sup>	1000:1	85/85/80/80 (L/R/U/D)	316.6 x 384.2	4.0
18.5"	GPV-EME-185	1366*768	16:9	250cd/m <sup>2</sup>	1000:1	85/85/80/80 (L/R/U/D)	286.3 x 453.7	6.0
19"	GPV-EME-190	1280*1024	5:4	250cd/m <sup>2</sup>	1000:1	85/85/80/80 (L/R/U/D)	350.6 x 425.9	5.2
21.5"	GPV-EME-215	1920*1080	16:9	250cd/m <sup>2</sup>	3000:1	89/89/89/89 (L/R/U/D)	317.6 x 526.0	6.0
23.6"	GPV-EME-236	1920*1080	16:9	300cd/m <sup>2</sup>	3000:1	89/89/89/89 (L/R/U/D)	350.0 x 574.0	8.0
27"	GPV-EME-270	1920*1080	16:9	300cd/m <sup>2</sup>	3000:1	89/89/89/89 (L/R/U/D)	400.0 x 656.0	9.15



### Product Installation >



Embedded installation



Wall mounted installation



Desktop installation



Louver installation



Cantilever installation



Boom type installation

# Emerald Series

## Product Specifications >

### Hardware Configuration

Key functions	AUTO, MENU, POWER, LEFT, RIGHT
Menu language	English
Audio	stereo 1+1 W
Front protection	IP65
MTBF	50,000 hours

### Touch Screen

Capacitive Touch	Type of touch screen: projection capacitive touch screen Accuracy: 2 mm Minimum touch area: 7 mm diameter Minimum touch force: 10 g Input mode: handwriting or capacitive pen or thin gloves Surface hardness: Mohs hardness 7H (according to ATSM D3363 standard) Touch times: ≥35 million times
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### Environmental

Working Temperature	0 °C ~ 50 °C
Storage Temperature	-20 °C ~ 60 °C
Operating Humidity	Humidity: 20 % ~ 80 % 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 adapter - passed CE certification
Power Output	DC 12V / 5A
Rated Power	10-27W (depending on LCD size)
Fuselage Properties	Body material: steel alloy. Body color: 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, 12V (12V-24V for 27")
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-B
AUDIO I/O	1x AUDIO I/O , 3.5mm standard interface

## 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.