

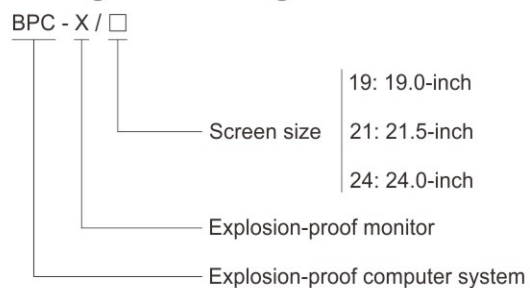
Explosion-proof Computer System

BPC-X Series Explosion-proof Monitor



- ◆ Explosion protection to
 - CENELEC
 - IEC
- ◆ Can be used in
 - Zone 1 and Zone 2
 - Zone 21 and Zone 22

■ Catalogue number logic



■ Product features

- ◆ Implements high-reliability industrial-grade monitors with explosion-proof treatment, featuring adjustable screen brightness, contrast, and menu functions;
- ◆ Installation: panel-type, wall mount, and VESA standard arm mount;
- ◆ High-brightness LCD screen;
- ◆ Enclosure constructed from high-quality stainless steel;
- ◆ Overall protection rating of IP66.

Zones 1&2; 21&22

Explosion-proof Computer System

BPC-X Series Explosion-proof Monitor

Technical data

Explosion-proof Monitor BPC-X

Explosion protection

Global (IECEEx)

Gas and dust

Europe (ATEX)

Gas and dust

IECEEx (applied for)

Ex db IIB T6 Gb

Ex tb IIIC T80°C Db

ATEX (applied for)

Ex II 2 G Ex db IIB T6 Gb

Ex II 2 D Ex tb IIIC T80°C Db

Certificates

Conformity to standards

IECEEx; ATEX

IEC 60079-0, IEC 60079-1, IEC 60079-31

EN 60079-0, EN 60079-1, EN 60079-31

Degree of protection

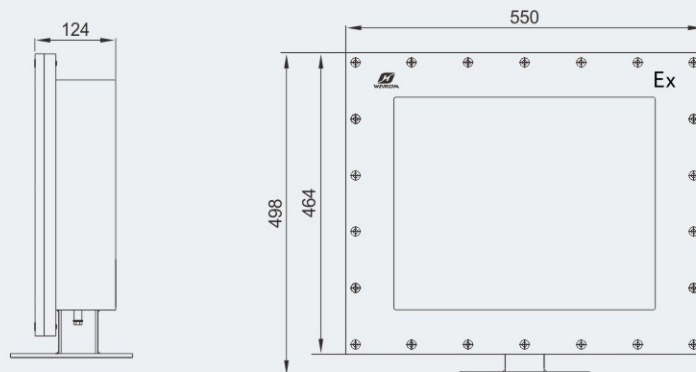
IP66

Selection table

Product Model	BPC-X/9	BPC-X/21	BPC-X/24
Screen Size	19.0 inches	21.5 inches	24.0 inches
Optimal Resolution	1280×1024	1920×1080	1920×1080
Aspect Ratio	5:4	16:9	16:9
Panel Type	IPS	VA	IPS
Backlight Type	LED	LED	W-LED
Static Contrast Ratio	1000:1	3000:1	1000:1
Response Time	8ms	8-12ms	8ms
Luminance	250cd/m ² (>600cd/m ² optional)	250cd/m ² (>600cd/m ² optional)	250cd/m ² (>600cd/m ² optional)
Viewing Angle	178/178°	178/178°	178/178°
Color Gamut	16.7M	16.7M	16.7M
Video Interface	D-Sub(VGA), HDMI, Displayport	HDMI, D-Sub(VGA)	D-Sub(VGA), HDMI, Displayport
Other Interfaces	USB3.0×2 USB2.0×2	DP	USB3.2 Gen1 upstream USB3.2 Gen1×4
Power Performance	120-230V, 50-60Hz	100-240V AC, 50-60Hz	100-240V AC, 50-60Hz
Power Consumption	≤14W	≤22W	≤48W



Dimension drawings (all dimensions in mm) - subject to alteration



This diagram depicts a 19-inch model.