



Industrial Monitor
DuraVision® DV2324



This high quality 23" Full HD monitor is especially designed for security and surveillance applications where moving pictures have to be displayed in a clear and sharp manner (without blurring). With the refresh rate of 120 Hz the monitor is ideal for screening of e.g. parcels and baggage or freight and cargo. The VESA adapter allows the mounting on a swivel arm or stand.

- Stand-alone monitor with 23.0" active color TFT-LCD, physical resolution of 1920 x 1080 pixels (full HD)
- Refresh rate up to 120 Hz
- Signal Input Interfaces: DVI-I (RGB analog + TMDS), additional analog RGB, CVBS input (PAL, NTSC, SECAM), HDMI
- Automatic signal identification and adjustment
- High brightness (350 cd/m²) and contrast (1000:1)
- Wide viewing angle (horizontal 170°, vertical 160°, CR ≥ 10,)
- Up / down scaling (for non native resolution signals)
- Intuitive OSD control
- VESA DPMS power management



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Features

120 Hz Refresh Rate With a refresh rate of 120 Hz and the active color TFT LCD, the monitor is ideal for screening baggage or freight and cargo in security environments without needing to constantly stop and start conveyors. 120 Hz capability significantly decreases ghosting and allows moving pictures displayed on the screen to be examined much more clearly and efficiently without blurring.

Full High-Definition Display Full HD 1920 × 1080 resolution and a palette of 16.77 million colors create a clear and vivid display needed for precise observation.

PC and Video Inputs The monitor comes with an HDMI interface, DVI-I (RGB analog +TMDS) and additional analog 15 pin HD D-Sub input for connection to a computer. It also includes a CVBS composite (BNC) input for connecting to video surveillance or scanning equipment.

NTSC/PAL/SECAM Support The monitor supports NTSC, PAL, and SECAM signals and can connect to a variety of different security and surveillance equipment.

High Brightness Display With a maximum brightness of 350 cd/m² and a contrast ratio of 1000:1, the screen has high visibility even in bright ambient environments.

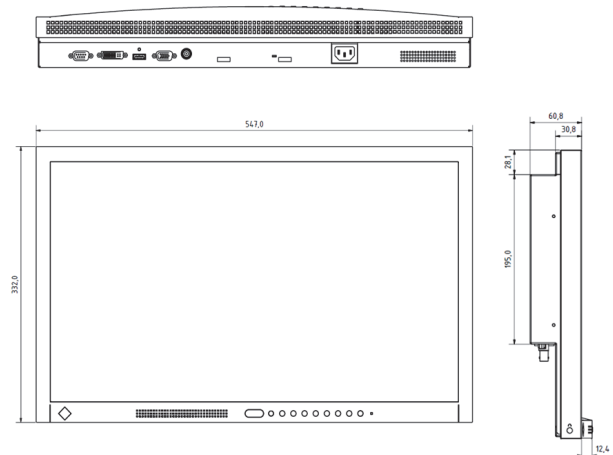
Multiple Resolution Support and Image Scaling The monitor supports multiple resolutions up to its native resolution of 1920 × 1080. Non-native resolutions can be displayed in their actual size, scaled proportionately, or expanded to fill the screen. This is helpful when receiving other non-native resolutions during set-up or with other applications.

Built-in Power Supply The AC power supply is built-in so you can connect easily with only one power cord.

Specifications

Size	23" / 58 cm (584 mm diagonal)
Cabinet Color	Black
Native Resolution	1920 x 1080 (16:9 aspect ratio)
Display Size (H x V)	509.2 x 286.4 mm
Pixel Pitch	509.2 x 286.4 mm
Display Colors	16.7 million
Display Type	TN
Viewing Angles (H / V, typical)	170°, 160°
Brightness (typical)	350 cd/m ²
Contrast Ratio (typical)	1000:1
Response Time (typical)	3 ms (Gray to gray)
Input Terminals	DVI-I 29 pin x 1, HDMI x 1, HD-D 15 pin x 1, BNC x 1, RS232 x 1
Input signal analog	0.7 VPP RGB (at 75 W) Sep.- / Composite-Sync. / Sync on green 15 – 100 kHz 50 – 100 Hz max. 140 MHz
Input signal digital	DVI 1.0 (TMDS) max. 165 MHz
Input signal Video	1 VPP CVBS (at 75 Ω) PAL / NTSC / SECAM 15.625 / 15.734 kHz 50 / 60 Hz
HDMI	HDMI 1.1/1.2 max. 165 MHzHz
OSD Languages	English, German
Others Functions	Brightness, Contrast, Phase, Frequency, Sharpness, Color temperature, Image size, Backlight, DPMS, OSD Setting (Transparency, OSD Timeout), Gamma table, Source scan, Factory reset, test pattern, Demo Mode, Information
Power Requirements	AC 100 - 120 V / 200 - 240 V, 50 / 60 Hz
Maximum Power Consumption	50W
Power Save Mode	Less than 4 W
Standby Mode	Less than 0.1 W
Power Management	VESA DPM
Auto EcoView	Yes (Default: Disabled)
Temperature	0 - 35 °C
Humidity (R.H., non condensing)	20 - 80 %
Certifications & Standards (Please contact us for the latest information.)	CE, FCC, UL
Warranty	Two Years

Dimensions (mm)



Specifications are subject to change without notice.



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