

The Raptor RP2324 is a high-bright monitor designed for air traffic control towers. It offers excellent readability in both bright and dim ambient lighting conditions, making it ideal for tower applications. It comes in several mounting configurations and is available with a wide array of customization options.

- 10 cd/m² to 650 cd/m² wide dimming range
- Customizable to satisfy individual requirements
- Durability with full sheet-steel industrial-grade housing
- Optional touch panel variation available



Excellent Readability

The Raptor RP2324's high brightness of 650 cd/m² (520 cd/m² for the touch panel) and 1000:1 contrast ratio offer excellent readability of text and images in tower applications. The monitor can be adjusted to as low as 10 cd/m² brightness for viewing more comfortably in low ambient lighting conditions.

Flexible Installation

To meet the requirements of any installation, EIZO's tower monitors offers several configurations such as panel mount for installing directly into a console or VESA mount for mounting on an arm or stand.

Complete Connection

HDMI, DVI-I, and D-Sub inputs offer compatibility with PCs equipped with digital and analog graphics boards. Composite video (CVBS) input which supports NTSC, PAL, and SECAM is also included for video surveillance and the display of radar images.

Backlight Stabilization

EIZO's fully automated stability function uses an internal sensor to stabilize the brightness level throughout the life of the monitor, compensating for fluctuations caused by variations in ambient temperature and the passage of time.

Industrial-Grade Reliability

Full sheet-steel industrial-grade housing is used for high durability. The monitor is developed, manufactured, and quality control tested in-house by EIZO staff to ensure maximum reliability in mission-critical markets. The Raptor RP2324 is backed by a two year manufacturer's warranty.

Antiglare Protection Glass

The monitor's antiglare protection glass ensures that the screen maintains high visibility even in bright ambient lighting conditions.

23" Tower Monitor

Raptor® RP2324

Touch Panel Variation

A touch panel variation equipped with analog resistive touch technology is available as an option. It accepts touch input from both bare and gloved hands as well as styluses. It is also more resistant to dust and other objects compared to other touch technologies for increased reliability.

Extensive Customizability

The monitor is customizable to meet the specific needs of individual towers. Customization may include, but is not limited to, mounting options, cabinet color, and warranty upgrades.

Intuitive OSD Control

The OSD menu is easily accessible via the buttons on the monitor. The Raptor RP2324 can be connected to the optional EACON-S02 external keyboard for further OSD control.

Optional Accessories

EACON-S02

External OSD keyboard for control of a single monitor.



EAMRC-S01

External OSD keyboard for control of up to 5 monitors.



Specifications

Panel	Backlight	LED backlight
	Size	23" / 58.4 cm (584 mm diagonal)
	Native Resolution	1920 × 1080 (16:9 aspect ratio)
	Viewable Image Size (H × V)	509.2 × 286.4 mm
	Pixel Pitch	0.265 × 0.265 mm
	Display Colors	16.7 million
	Viewing Angles (H / V, typical)	170°, 160°
	Brightness (typical)	650 cd/m ² (maximum) 10 cd/m ² (minimum) 520 cd/m ² (touch panel)
	Contrast Ratio (typical)	1000:1
	Response Time (typical)	3 ms (Gray-to-Gray)
Video Signals	Input Terminals	DVI-I 29 pin × 1 (RGB analog + TMDS) D-Sub 15 pin × 1 BNC × 1 HDMI × 1
	Digital Scanning Frequency (H / V)	30 – 81 kHz / 49 – 61 Hz
	Analog Scanning Frequency (H / V)	15 – 100 kHz / 50 – 100 Hz
	Sync Formats	Separate Sync / Composite Sync / Sync-on-Green
	Video Input Format	PAL / NTSC / SECAM
Power	Power Requirements	AC 100 – 240 V, 50 – 60 Hz
	Maximum Power Consumption	60 W (Brightness: 650 cd/m ²)
	Typical Power Consumption	45 W (Brightness: 350 cd/m ²)
	Standby Mode	0.8 W
Features & Functions	Brightness Stabilization	Yes
	External Keyboard	Yes (Requires hardware keyboard EACON-S02 or EAMRC-S01)
Physical Specifications	Dimensions (VESA Mount, W × H × D)	562 × 340 × 59 mm
	Net Weight (VESA Mount)	7.8 kg / 17.2 lbs
	Hole Spacing (VESA Standard)	100 × 100 mm
Environmental Requirements	Operating Temperature	0 – 40°C / 32 – 104°F
	Operating Humidity (R.H., non condensing)	Max. 80% (no condensation)
	Storage Temperature	-20 – 60°C / -4 – 140°F
	Degree of Protection	IP 65 (front) IP 20 (rear)
Certification & Standards		CE, UL, FCC, RoHS, CCC
Warranty		Two years
Touch Panel Variation (Optional)	Type	Analog resistive
	Communication Protocol	USB
	Compatible OS	Windows 8 (32-bit, 64-bit) / Windows 7 (32-bit, 64-bit) / Windows XP (32-bit) / Linux (2.6, 3.0 Kernel) (32-bit, 64-bit) / Linux (2.4, 2.6, 3.0 Kernel) (Serial) / Linux (2.6, 3.0 Kernel) (32-bit) ARMv7 / Mac OSX 10.7 Lion / Mac OSX 10.9

EIZO Technologies GmbH

Bürgermeister-Seidl-Str. 8, 82515 Wolfratshausen, Germany

Phone : +49-8171-3492-11 Fax : +49-8171-3492-16

atc@eizo.com

www.eizoglobal.com

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