



19" Tower Monitor Raptor® RP1924

The Raptor RP1924 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.

- 25 cd/m² to 550 cd/m² wide dimming range
- Customizable to satisfy individual requirements
- Durability with full sheet-steel industrial-grade housing



Excellent Readability

The Raptor RP1924's high brightness of 550 cd/m² and 2000:1 contrast ratio offer excellent readability of text and images in tower applications. The monitor can be adjusted to as low as 25 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 offer several configurations such as panel mount for installing directly into a console or VESA mount for mounting on an arm or stand.

Complete Connection

DVI-I and D-Sub inputs offer compatibility with PCs equipped with digital and analog graphics boards. Composite video (CVBS) and S-Video inputs which support NTSC, PAL, and SECAM are 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 RP1924 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.

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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 RP1924 can be connected to the optional EACON-S02 or EAMRC-S01 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	19" / 48 cm (482 mm diagonal)
	Native Resolution	1280 × 1024 (5:4 aspect ratio)
	Viewable Image Size (H × V)	376.3 × 301.1 mm
	Pixel Pitch	0.294 × 0.294 mm
	Display Colors	16.7 million
	Viewing Angles (H / V, typical)	178°, 178°
	Brightness (typical)	550 cd/m ² (maximum) 25 cd/m ² (minimum)
	Contrast Ratio (typical)	2000:1
	Response Time (typical)	8 ms (Gray-to-Gray)
Video Signals	Input Terminals	DVI-I 29 pin × 1 D-Sub 15 pin × 1 BNC × 1 Mini DIN (S-Video) × 1
	Digital Scanning Frequency (H / V)	25 – 165 MHz (pixel) / 60 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, 47 – 63 Hz
	Maximum Power Consumption	50 W
	Typical Power Consumption	35 W (Brightness: 375 cd/m ²)
	Standby Mode	5 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)	411 × 336 × 88 mm
	Net Weight (VESA Mount)	5.5 kg / 12.1 lbs
	Hole Spacing (VESA Standard)	100 x 100 mm
Environmental Requirements	Operating Temperature	0 – 40°C / 32 – 104°F
	Operating Humidity (R.H., non condensing)	Max. 80% (no condensation)
	Storage Temperature	-25 – 60°C / -13 – 140°F
	Degree of Protection	IP 65 (front) IP 20 (rear)
Certification & Standards		CE, UL, FCC, RoHS
Warranty		Two years

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