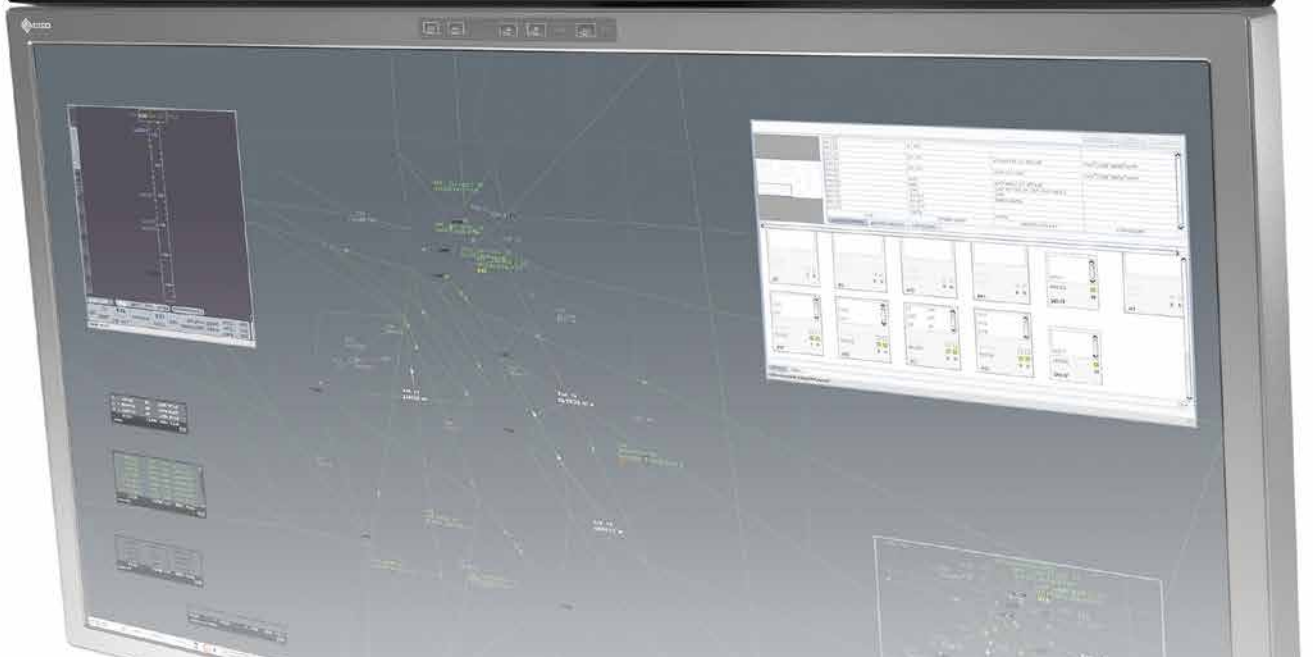# EIZO®

42.5" Primary Control Monitor
Raptor® RP4325

4K2K
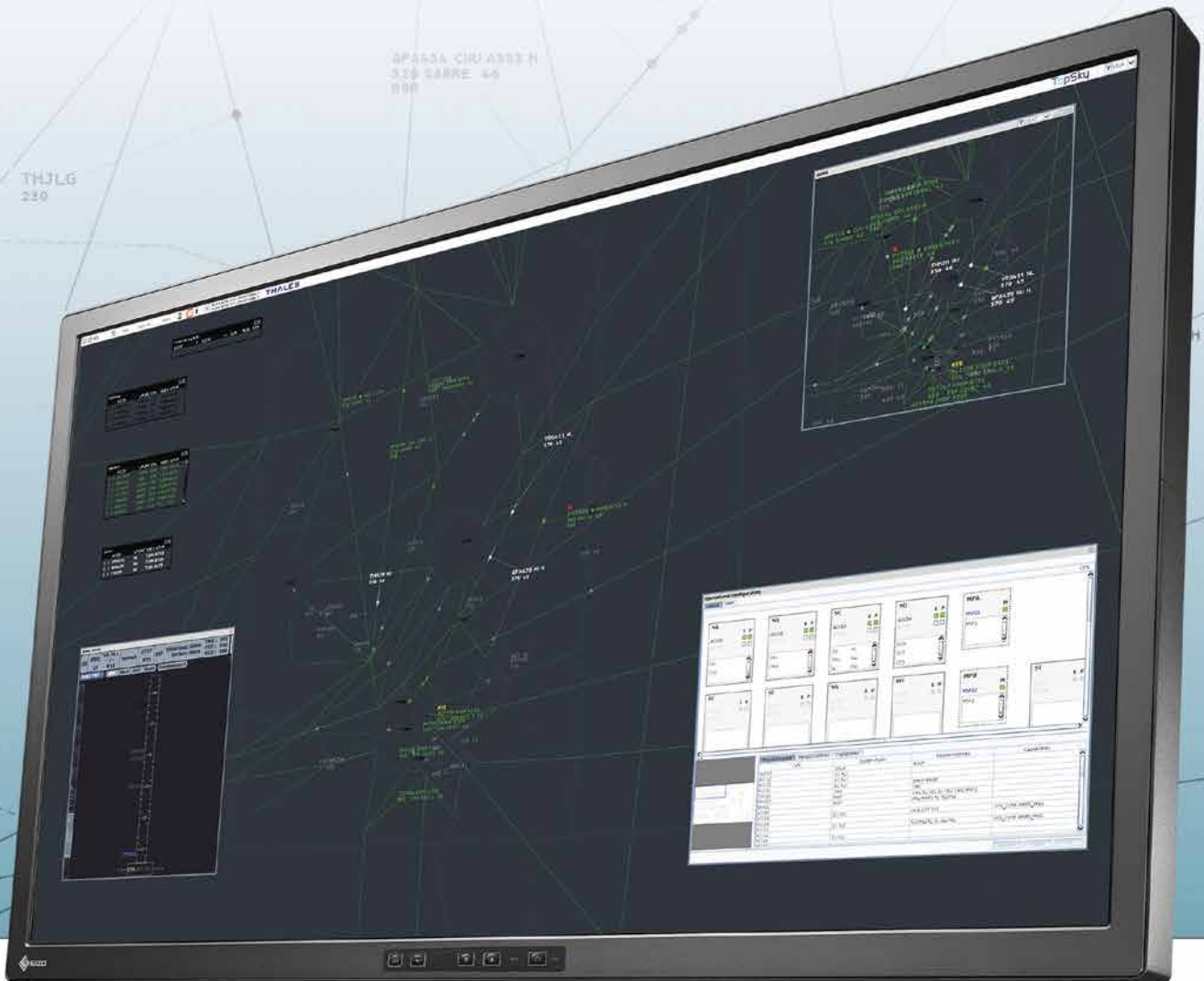
Optimal Use

## 4K × 2K High Resolution

2048
3840
2048
2160

Display 4K × 2K high-resolution data in full on one screen without the obtrusive bezels typically found in a multi-monitor workstation. 2K × 2K and auxiliary information can also be displayed simultaneously on a single screen, allowing controllers to view more information easily in one place.

Simultaneous Input Signals
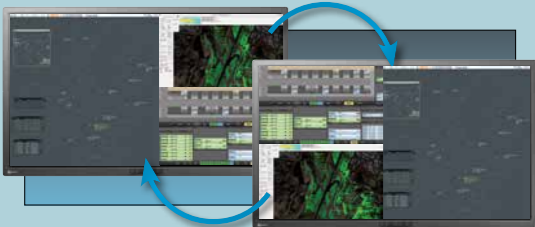
The Raptor RP4325 can display input from up to four video sources simultaneously. Users can freely position each screen for a highly customizable layout.

Resolution Scaling

Actual image size

Enlarged (maintains aspect ratio)

Full screen (stretched)
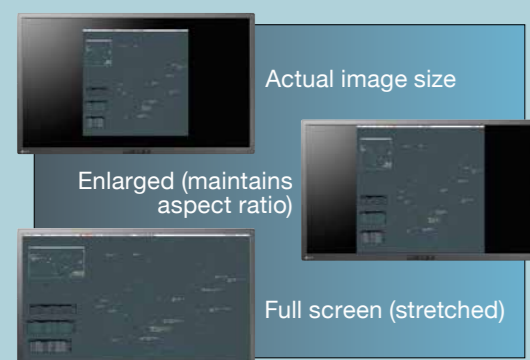
The Raptor RP4325 supports resolution scaling for each of its video inputs. Any non-native resolution can be displayed in its actual size, scaled proportionately, or expanded to fill the screen.
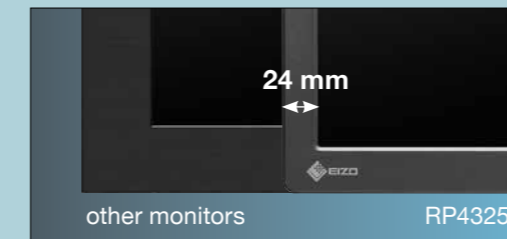
Wide Brightness Range

25 – 500cd/m²

The monitor can be adjusted within a wide brightness range of 25 to 500 cd/m² to suit your environment as well as the needs of the ATCO.

Brightness Stabilization

RP4325

other monitors

EIZO's fully automated stability function uses an internal backlight 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.

Design

Slim Bezels

24 mm

other monitors   RP4325

The unobtrusive bezels measure just 24 mm on the sides so ATCOs can focus more on the screen.

Screen Customizations

Protection glass is optional and covers the visible part of the LCD panel for increased reliability. Optional optical bonding is also available for increased visibility and durability.

Rounded Corners

The monitor's design features rounded corners and edges for a pleasing and modern aesthetic.
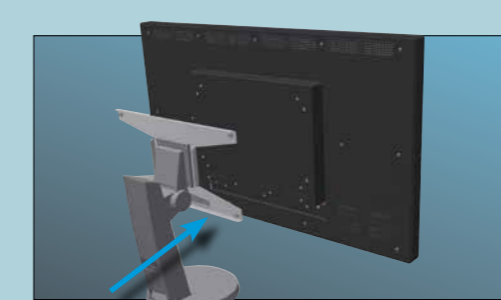
Balanced Design

RP4325   other monitors
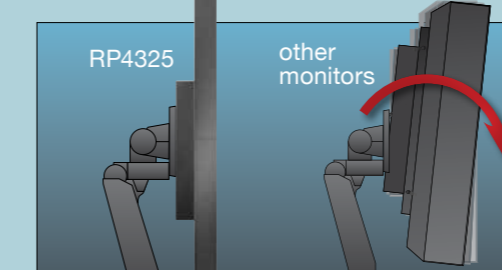
The monitor's depth is designed to be minimal to bring the weight distribution close to the center of mass. This lowers stress on mounting fixtures over time. It weighs just 20.5 kg in consideration of the installation environment.

Mounting Flexibility

The monitor supports VESA mounting for conveniently installing in open or closed ATC consoles. A desktop version with a stand is also available as an option.
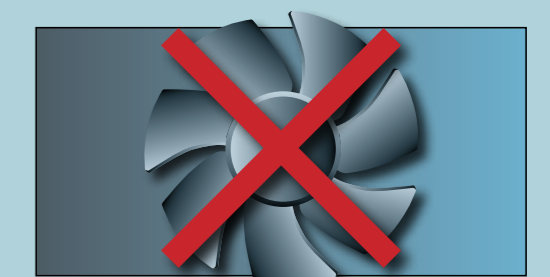
Durability and Reliability

Industrial-Grade Housing

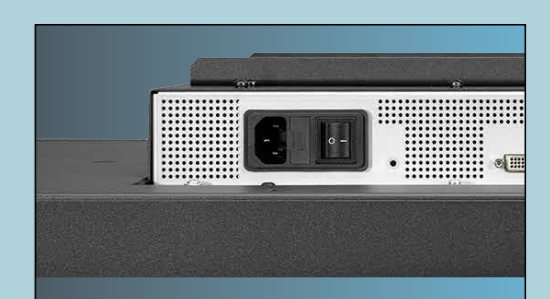The monitor's housing uses full sheet steel industrial-grade housing for durability in demanding environments.
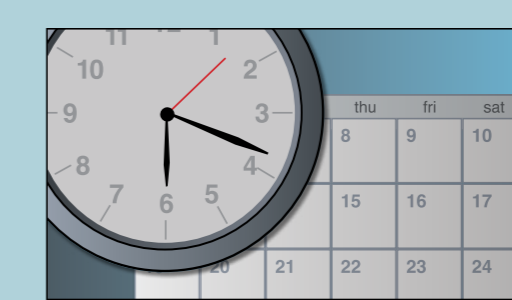
Fanless Operation

The monitor provides noiseless, fanless operation while still maintaining low heat output for reliability.

24/7 Operation

The Raptor RP4325 is developed specifically for meeting the stringent requirements of mission-critical ATC environments with 24/7 operation.
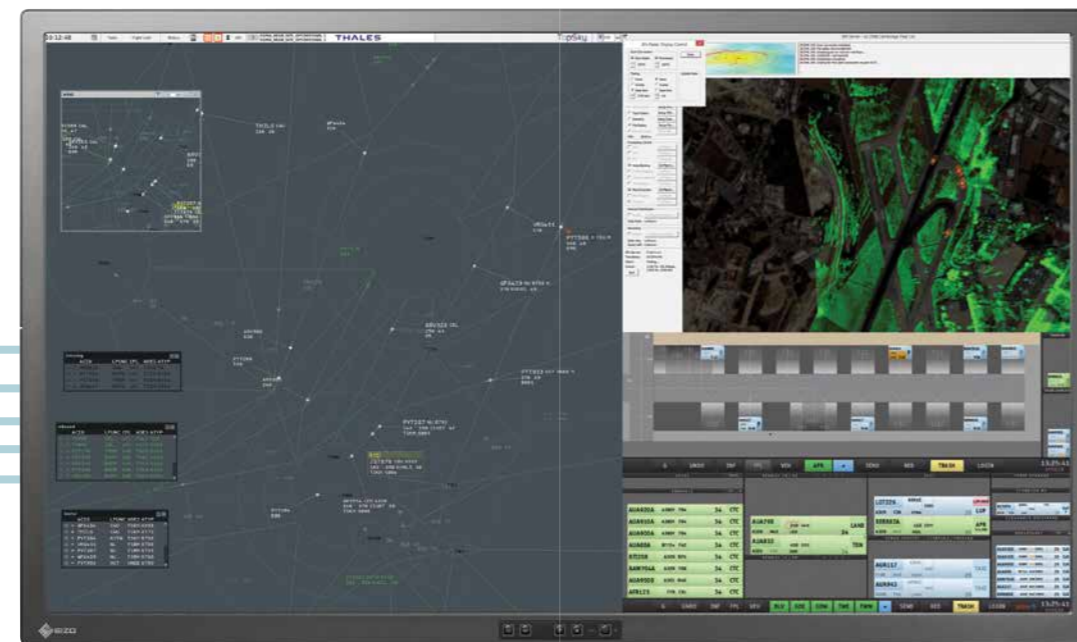
Built-In Power Supply

While other solutions may require a bulky power brick to operate, the Raptor RP4325 has its power supply built in. This provides a cleaner and more manageable installation area. A secondary built-in power supply is available as an option.
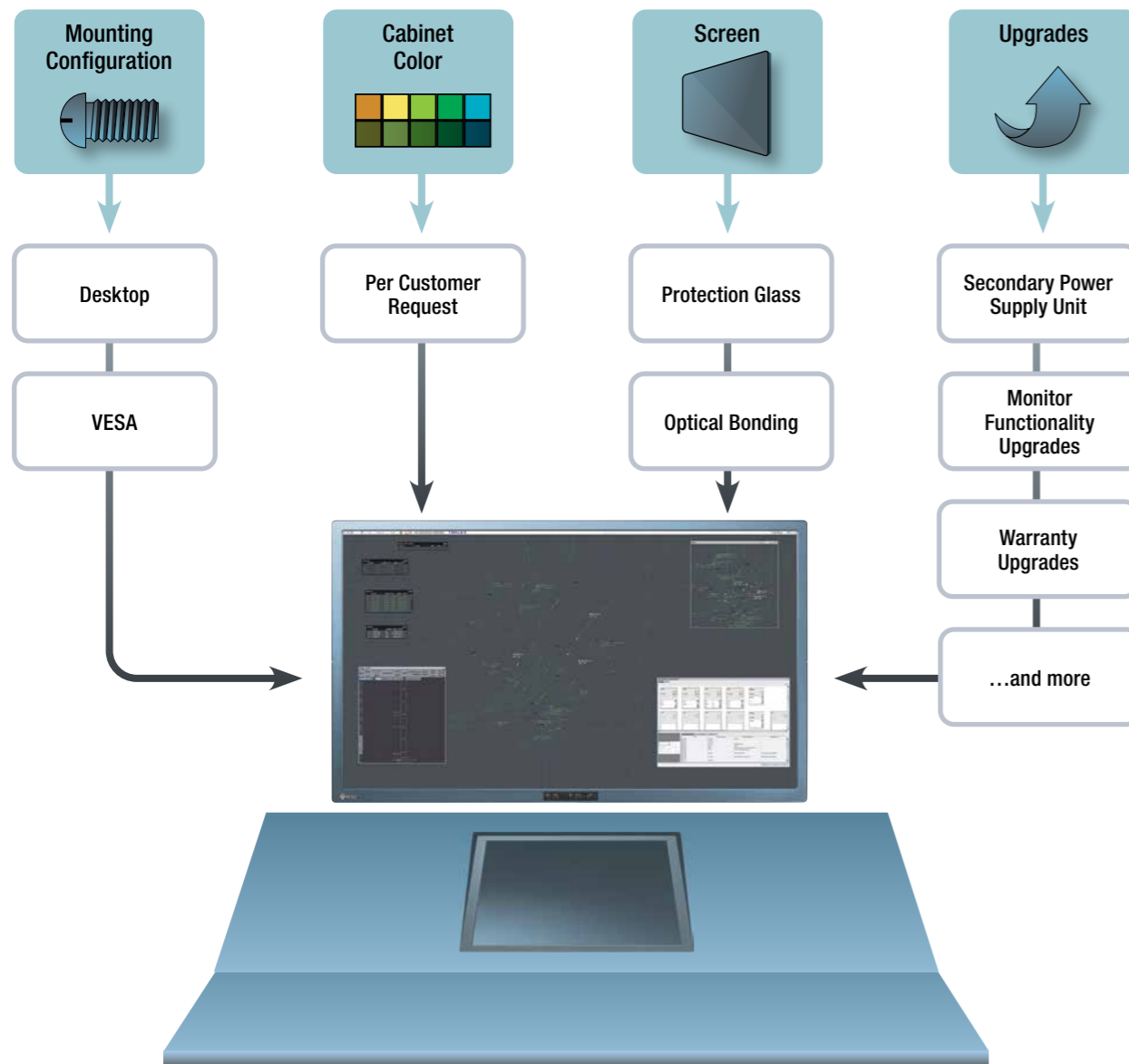
15 Years of Primary Control Monitor Manufacturing

EIZO has been an industry leader in the innovation and development of quality 2K primary control monitors for ATC since 2005. Backed by over 50 years of technical expertise in visual display solutions, the Raptor RP4325 is the industry's first 4K × 2K monitor developed specifically for ATC. It combines the features of EIZO's line of primary control monitors while adding further value with 4K resolution, unique functionality, and operational reliability.

Extensive Customization

EIZO offers extensive customization in order to meet the specific needs of individual control centers.

Mounting Configuration	Cabinet Color	Screen	Upgrades
Desktop	Per Customer Request	Protection Glass	Secondary Power Supply Unit
VESA		Optical Bonding	Monitor Functionality Upgrades
			Warranty Upgrades
			…and more

Contact us to configure your monitor.
atc@eizo.com

Energy Efficiency

The monitor consumes up to just 125 watts at maximum brightness (500 cd/m²) and even less than that under typical operating conditions in control rooms. This saves energy and significantly reduces heat generation within the monitor, a leading cause of component failure.

Complete Connection

The monitor is equipped with two dual link DVI video signal inputs and two DisplayPort 1.2 inputs. It also comes equipped with a wide range of communication interfaces for connection to a network, remote monitor management, or maintenance purposes — RS232, USB, and TCP/IP.

Non-Intrusive Hardware Calibration

The monitor comes equipped with EIZO's hardware calibration functionality using an external luminance reader. Easily accessed through the OSD menu, calibration of the backlight brightness, gamma, and white point can be carried out in just minutes. No additional software is needed, ensuring calibration operation is non-intrusive to your system.

Optional Accessories

EACON-S01
External OSD keyboard for control of a single monitor.
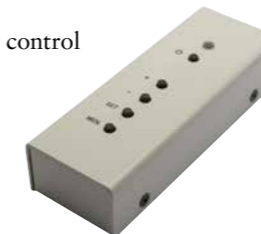
Specifications

Panel	Type	VA
	Backlight	Edge-type LED backlight system
	Size	42.5" / 108 cm
	Native Resolution	3840 × 2160 (16:9 aspect ratio)
	Viewable Image Size (H × V)	941.2 × 529.4 mm
	Pixel Pitch	0.245 × 0.245 mm
	Display Colors	16.77 million
	Viewing Angles (H × V, typical)	178°, 178°
	Brightness (typical)	25 – 500 cd/m²
	Contrast Ratio (typical)	4000:1
	Response Time (typical)	8 ms (gray-to-gray)
Video Signals	Input Terminals	DVI (dual-link) × 2 DisplayPort × 2
	Digital Scanning Frequency (H / V)	260 MHz (2 × 130 MHz dual link) / 60 Hz
USB	Upstream	USB 2.0: Type-B
	Downstream	USB 2.0: Type-A × 2
Power	Power Requirements	AC 100 – 240 V, 50 – 60 Hz
	Maximum Power Consumption*	100 – 125 W (Brightness: 500 cd/m²)
	Typical Power Consumption*	50 – 70 W (Brightness: 150 cd/m²)
	Standby Mode	10 W or less
Features and Functions	Brightness Stabilization	Yes
	Communication Protocol	SNMP, HTTP, HID, Modbus/TCP
	Communication Interface	RS-232C, USB, RJ-45
Physical Specifications	Dimensions (With Stand, W × H × D)	992 × 613 – 673 × 322.9 mm
	Dimensions (Without Stand, W × H × D)	992 × 588 × 93.4 mm
	Net Weight (With Stand)	26.2 kg
	Net Weight (VESA Mount)	20.5 kg
	Tilt	25° Up, 0° Down
	Swivel	172° Right, 172° Left
	Hole Spacing (VESA Standard)	400 × 200 mm
Environmental Requirements	Operating Temperature	0 – 40°C
	Operating Humidity (R.H., non condensing)	max. 90%
	Storage Temperature	-20 – 60°C
Certifications & Standards		CE, UL, c-UL, FCC, REACH, RoHS, WEEE
Warranty		Two Years

*Actual power consumption depends on active monitor functions.

EIZO Technologies GmbH