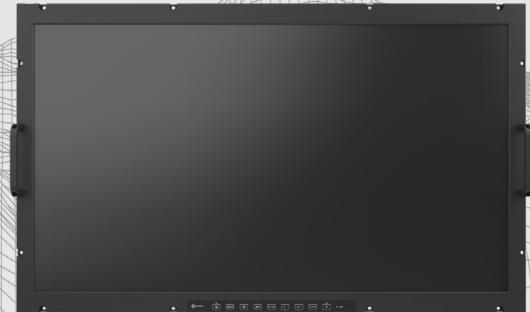


42.5" Rugged COTS LCD monitor with 3840 x 2160 resolution and MIL standard compliance.



Product image is preliminary

MILITARY-GRADE LCD MONITOR

MIL compliance, water resistance (IP65), conformal coating.

HIGHLY DETAILED IMAGES

Displays 4K UHD (3840 x 2160) resolution for highly detailed images.

INTEGRATED SWITCHING

Up to four video signal feeds connected to a single monitor with built-in switching of keyboard, mouse, and dynamic touch input

42.5" Rugged LCD Monitor

The Talon RGD4300W is a 42.5-inch rugged LCD monitor with 4K UHD (3840 x 2160) native resolution, which is four times that of Full HD, for displaying highly detailed rugged applications in full across a spacious screen. It also supports simultaneous display from more than one input so multiple applications can be viewed on a single screen, providing operators with a centralized view of important information for situational awareness. This makes it ideal for target tracking, naval display systems, mission/ground control centers, and airborne ISR operations.

The Talon RGD4300W offers EIZO's SwitchLink internal switching management technology as an option. SwitchLink enables seamless switching of keyboard, mouse, and dynamic touch input without the need for an external KVM switch. Up to four video signal feeds can be connected to the monitor operated by a single keyboard and mouse.



MIL-STD 810
Shock



MIL-STD 810
Temperature



MIL-STD 810
Vibration

Specifications

Preliminary Specifications

Panel	Size	42.5"
	Native Resolution	3840 x 2160 (16:9 aspect ratio)
	Viewable Image Size (H x V)	941.2 x 529.4 mm
	Pixel Pitch (H x V)	0.245 x 0.245 mm
	Display Colors	1.07 billion (10-bit display)
	Viewing Angles (H / V, typical)	178° / 178°
	Brightness (typical)	500 cd/m²
	Contrast Ratio (typical)	4000:1
	Optical Bonding	Supported
	Response Time (typical)	8 ms
Touch Panel (optional¹)	Type	Projected Capacitive
	Touch Points	10
	Surface Treatment	Anti-Glare, Anti-Fingerprint
	Communication Protocol	USB
	Surface Hardness	5 H
	Compatible OS	Windows 11, Windows 10 (64-bit, 32-bit), Linux
Video Signals	Input Terminals	DisplayPort x 2, HDMI x 2
	Output Terminals	-
	Digital Scanning Frequency (H / V)	31 - 134 kHz / 29 - 61 Hz
	Analog Scanning Frequency (H / V)	-
	Sync Formats	-
USB	Upstream	USB 2.0: Type-B
Power	Power Connector (DC or AC option)	DC: MIL-DTL-38999 Series III AC: MIL-DTL-38999 Series II
	Power Input	DC 18 - 36 V AC 100 - 240 V 50/60 Hz MIL-STD-704F
	Maximum Power Consumption	TBD
Features & Functions	Communication Interface	USB, RS-232C, RS-485
Physical Specifications	Dimensions (Landscape, W x H x D)	TBD
	Net Weight	TBD
Environmental Requirements	Operating Temperature	-20 - 55 °C MIL-STD-810G, Method 501.6/502.6 Proc. II
	Non-Operating Temperature	-40 - 71 °C MIL-STD-810G, Method 501.6/502.6 Proc. I
	Operating Humidity (R.H., non condensing)	95% R.H. @max. 40 °C MIL-STD-810G, Method 507.6
	Vibration	MIL-STD-810G, Method 514.7 Proc. I MIL-STD-167-1 Type 1
	Shock	20 g - 11 ms, Sawtooth MIL-STD-810G, Method 516.7 MIL-DTL-901E Lightweight Grade A (optional)
	Operating Altitude	0 - 16,500 ft MIL-STD-810G, Method 500.6
	Non-Operating Altitude	0 - 40,000 ft MIL-STD-810G, Method 500.6
	Degree of Protection	IP65 (front) IP2X (rear)
Certifications & Standards		MIL-STD-810G, MIL-STD-167-1, MIL-STD-704F, MIL-STD-461G, MIL-DTL-901E, IEC 60529, CE, UKCA, FCC-A
Options	NVIS Support	-
	Heater	Optional
	SwitchLink	Optional
	E-LFC	-
	Image Enhancement Technology	Optional
	Handles	Optional

Contact EIZO with your request. talon@eizo.com

EIZO Rugged Solutions

482 S Keller Rd. Orlando, FL 32810

Phone: +1-407-262-7100

www.eizorugged.com



EIZO, the EIZO logo, and Talon are registered trademarks of EIZO Corporation. Windows is a registered trademark of Microsoft Corporation in the United States and other countries. DisplayPort is a trademark of the Video Electronics Standards Association in the United States and other countries. Linux is a registered trademark of Linus Torvalds. The terms HDMI and HDMI High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing, LLC in the United States and other countries. All other company names, product names, and logos are trademarks or registered trademarks of their respective owners. Specifications are subject to change without notice.