



Talon® RGD3202W

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



MILITARY-GRADE LCD MONITOR

MIL compliance, water resistance (IP65), sunlight readability (optional), conformal coating.

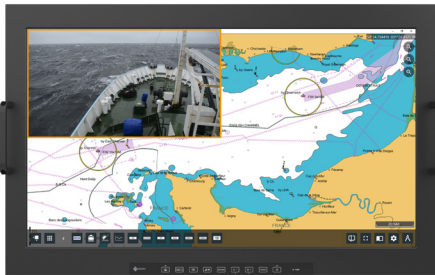
HIGHLY DETAILED IMAGES

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

COMPLETE CUSTOMIZATION

All monitors are custom built to meet individual requirements including, touchscreen, optical bonding, and interface options.

32" Rugged LCD Monitor



The Talon RGD3202W is a 32-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 RGD3202W 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

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Specifications

Panel	Size	32.0"
	Native Resolution	3840 x 2160 (16:9 aspect ratio)
	Viewable Image Size (H x V)	708.5 x 398.5 mm
	Pixel Pitch (H x V)	0.185 x 0.185 mm
	Display Colors	1.07 billion (10-bit display)
	Viewing Angles (H / V, typical)	178° / 178°
	Brightness (typical)	350 cd/m ²
	Contrast Ratio (typical)	1350:1
	Optical Bonding	Supported
	Response Time (typical)	18 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, 12G-SDI (optional)
	Output Terminals	-
	Digital Scanning Frequency (H / V)	31 - 135 kHz / 29 - 61 Hz
	Analog Scanning Frequency (H / V)	-
	Sync Formats	Separate
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 or III
	Power Input	DC 18 - 36 V AC 100 - 240 V 50/60 Hz MIL-STD-704F
	Maximum Power Consumption	108 W
Features & Functions	Communication Interface	USB, RS-232C, RS-485
Physical Specifications	Dimensions (Landscape, W x H x D)	30.512 x 18.760 x 4.291 in (775 x 476.5 x 109 mm)
	Net Weight	37 lbs (16.8 kg)
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
	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	-
	Handles	Optional

Contact EIZO with your request. talon@eizo.com

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