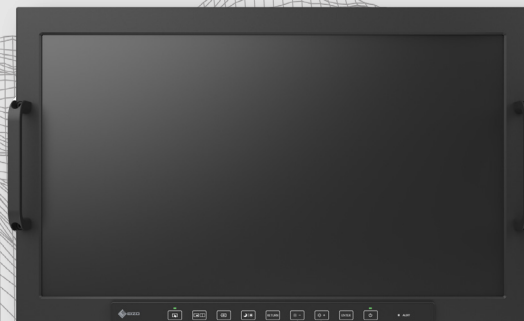




Talon® RGD2101W

21.5" rugged COTS LCD monitor with 1920 x 1080 resolution and MIL standard compliance.



MILITARY-GRADE LCD MONITOR

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

VERSATILE I/O SUPPORT

A multitude of interfaces including 3G-SDI, DVI-D, RGB, USB, and serial communication are available.

COMPLETE CUSTOMIZATION

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

21.5" Rugged LCD Monitor

The Talon RGD2101W is a 21.5-inch rugged monitor with 1920 x 1080 native resolution. It is ideal for applications which require high quality video display, such as target tracking, naval display systems, mobile command vehicles, ISR operations, and fire control platforms.

The Talon Series of COTS LCD monitors are ready to be deployed in extreme environments with ruggedized features such as sunlight readability (optional), water resistance with IP65 (front), a built-in heater (optional), and conformal coating to protect components in harsh environments. EIZO carries out vibration, shock, humidity, decompression, and extreme temperature testing at its own in-house durability test center to meet MIL-STD-810 and MIL-STD-461 standards. Be it the latest systems or retrofitting legacy systems, EIZO works closely with you to tailor each Talon monitor to suit your rugged environment.



MIL-STD 810
Shock



MIL-STD 810
Temperature



MIL-STD 810
Vibration

PHONE: (407) 262-7100 MAIL: TALON@EIZO.COM

Specifications

Panel	Size	21.5"
	Native Resolution	1920 x 1080 (16:9 aspect ratio)
	Viewable Image Size (H x V)	476.6 x 268.1 mm
	Pixel Pitch (H x V)	0.248 x 0.248 mm
	Display Colors	16.77 million (8-bit display)
	Viewing Angles (H / V, typical)	178° / 178°
	Brightness (typical)	350 cd/m ²
	Contrast Ratio (typical)	5000:1
	Optical Bonding	Supported
	Response Time (typical)	25 ms
Touch Panel (optional¹)	Type	Analog Resistive
	Touch Points	1
	Surface Treatment	Anti-Glare
	Communication Protocol	USB
	Surface Hardness	3 H
	Compatible OS	Windows 10 (64-bit, 32-bit), Linux
Video Signals	Input Terminals	D-Sub mini 15 pin, DVI-D x 2, BNC (3G-SDI) x 2
	Output Terminals	BNC (3G-SDI) x 2
	Digital Scanning Frequency (H / V)	31 - 76 kHz / 59 - 61 Hz
	Analog Scanning Frequency (H / V)	31 - 76 kHz / 59 - 61 Hz
	Sync Formats	Separate, Composite, Sync-on-Green
USB	Upstream	USB 2.0: Type-B
Power	Power Connector (DC or AC option)	DC: MIL-DTL-38999 Series III
	Power Input	DC 18 - 36 V
		MIL-STD-704F
	Maximum Power Consumption	44 W
Features & Functions	Communication Interface	USB, RS-232C
Physical Specifications	Dimensions (Landscape, W x H x D)	20.791 x 12.748 x 3.089 in (528.1 x 323.8 x 78.5 mm)
	Net Weight	18.5 lbs (8.4 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
	Shock	20 g - 11 ms, Sawtooth
		MIL-STD-810G, Method 516.7
Certifications & Standards		MIL-STD-810G, MIL-STD-704F, MIL-STD-461G, IEC 60529, CE, UKCA, FCC-A
Options	NVIS Support	-
	Heater	-
	SwitchLink	-
	E-LFC	-
	Image Enhancement Technology	-
	Handles	Optional

Contact EIZO with your request. talon@eizo.com

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