

DEFENSE

Aqeri

9042

42" LCD Monitor

Aqeri 9042 is a rugged fully sealed 42" monitor made to survive in harsh military environments. An internal heating and climate control system makes the unit usable in extremely low-temperature environments.

Features:

- > 42" 1920 x 1080 TFT LCD
- > Brightness 500cd/m2
- > Deep color (10/12bit)
- > VGA, HDMI and video input
- > Full HD resolution



TECHNICAL SPECIFICATIONS

Display:	42"
Resolution:	Full-HD 1,920 x 1,080 (16:9)
Brightness:	500 cd/m ²
Colors:	Deep Colour (10/12-bit)
Viewing Angle:	Viewing Angle Free
Contrast ratio:	5,000,000:1
Applicable PC signals:	VGA, WVGA, SVGA, XGA, WXGA, SXGA 60Hz, 1920 x 1080

I/O Interfaces

USB:	x2
HDMI:	x4
Composit Video:	x3 (Y, Pb, Pr)
PC Input:	x1

CONNECTORS

USB:	USB-A in MIL connector
HDMI:	HDMI in MIL connector
Composit Video:	BNC
PC Input:	HD-DSUB
DC In:	MS3106F 10SL-3S

PHYSICAL CHARACTERISTICS

Dimensions:	1050 x 710 x 113mm (WxHxD)
Weight:	38 kg
Color:	Green, other optional

ELECTRICAL SPECIFICATIONS

Power requirements:	28VDC (18-36VDC, safe start Min 21VDC, Max 33VDC)
Power consumption:	200W at 28VDC (excluding heaters) (Standby 0.4W)

ENVIRONMENTAL CHARACTERISTICS

Designed to fulfill	
(Other standards on request):	MIL-STD-461E MIL-STD-1275B MIL-STD-810G European CE
Temperature Operating:	-20°C to +55°C
Vibration Operating	
(depending on configuration):	10-500Hz 1,04g rms
Shock Operating	
(depending on configuration):	15g, 11ms, ½ sine wave
Humidity:	5% to 95% non condensing
Altitude Operating:	3000m

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