



# 4K x 2K Colour LCD Monitor GF VT 16 - 43"

Next generation primary control monitor with widescreen format and an 8-megapixel resolution, for the highest quality and flexibility in data display.

- 3840 x 2160 resolution.
- 60 Hz zero latency.
- Anti-reflective.
- 1200 : 1 contrast ratio.
- Pure White LED backlight.
- Ultra-low heat and power.

### New in Version B:

- 5 inputs.
- Single, Dual and Quad display modes.



### Perfect rendering

The Thruput GF VT 16 displays 8 megapixels across its 43" screen. This makes for a pixel pitch of 0.245mm (103 DPI) so text and symbols are fully compliant with FAA standards.

### Reduced workload

Using one screen instead of several, the user's eye and head movements are reduced and viewing comfort is increased:

- Without obtrusive bezels, all relevant data is concentrated within the optimum field of view.
- All pixels the same size.
- Seamless boundaries between sources.
- No discontinuity due to bezels.

### New possibilities

The large size and high resolution creates new possibilities for information display.

- View one 4K x 2K image across the entire screen.
- Combine videos to view several channels of information on one screen.





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## Wide Viewing Angles

Controllers can comfortably view all data across the entire screen while remaining in one position.

- Wide viewing angles of 178° x 178°.
- Minimal colour shift, even at acute angles.

## Pure colour brightness control

Brightness is controlled by Thruput's pure colour control technology, making it ideal for any Operations Room:

- Pure White LED Backlight.
- Uniform brightness across the screen.

## A safe and green solution

The monitor does not use any hazardous materials, and is fully RoHS compliant.

- Low power consumption.
- The LED backlights are mercury free.
- Up to 5 year warranty, 24/7 continuous operation.

## Life cycle benefits

Greatly reduced complexity at the working position, a single monitor with optimum human factors will be:

- Cheaper to install and run than several smaller monitors.
- Produces less heat in the operations room.
- Less tiring for the user, with potential improvements to staff health and well-being, that may also reduce fatigue related errors.

## Specification

Version B

Inputs	1 off DP 1.2 (60 Hz) 1 off HDMI 2.0 (60 Hz) 3 off HDMI 1.4	
Resolution	3840 x 2160	
Modes	Single	Full screen
	Dual	Top and bottom
		Left and right
Quad	One in each quadrant	
Pixel Pitch	0.245 x 0.245 mm	
Brightness	390 nits	
Contrast	1200 : 1	
Colour	32 bit colour	
Surface	Anti-glare and anti-reflective	
Power	Universal input voltage, worldwide use. Typically below 80W (normal operation)	
Noise	0 dB (silent operation)	
Size	96.2 x 56.2 x 7.5 cm	
Weight	14.8 Kg	
Mounting	VESA 200 x 200 mm centres	
MTBF	87,000 hours (25% brightness).	
Backlight	LED	
Update	60 Hz, zero latency (DP)	
Compliance	<ul style="list-style-type: none"> <li>• Human Factors Criteria for Displays: A Human Factors Design Standard (FAA DOT/FAA/TC-07/11).</li> <li>• CE, FCC and ROHS.</li> </ul>	
Record	Sentinel 4K x 2K recorder.	
Extension	Sentinel KVMX extender.	

