

THRUPUT

4K x 2K Colour LCD Monitor GF VT 16 - 58"

Next generation primary control monitor supports multiple inputs, rendered on an 8-megapixel screen, for the highest quality and flexibility in data display.

- 3840 x 2160 resolution.
- 60 Hz zero latency.
- Anti-reflective.
- 500 cd/m² brightness.
- 3000:1 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 16-58 displays 8 megapixels across its 58" screen with a pixel pitch of 0.334 mm.

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.

Wide Viewing Angles

- Wide viewing angles of 176° x 176°.
- Minimal colour shift, even at acute angles.

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.



Pure colour brightness control

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

- Displayed colours are perfect at all brightness settings.
- Pure White LED Backlight.
- Maintain colour accuracy and contrast at all brightness settings.
- 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 (by up to 400% depending on their age).
- 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	0.334 x 0.334 mm	
Brightness	450 nits	
Contrast	3000 : 1	
Colour	32 bit colour	
Surface	Anti-glare and anti-reflective	
Power	Universal input voltage, worldwide use. Typically below 49W (normal operation)	
Noise	0 dB (silent operation)	
Size	128 x 75 x 7 cm	
Weight	28 Kg	
Mounting	VESA 400 x 400 mm centres	
MTBF	87,000 hours (25% brightness).	
Backlight	LED	
Update	60 Hz, zero latency (DP)	
Compliance	CE, FCC and ROHS.	
Record	Sentinel 4K x 2K recorder.	
Extension	Up to 200m, Sentinel KVMX extender.	

