

THRUPUT

4K x 2K Colour LCD Monitor GF VT 16 - 42"

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.
- 5000 : 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 42" screen. This makes for a perfect pixel pitch of 0.24 mm (the same as the Sony DDM and Barco ISIS) so text and symbols are crisp and 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.

Wide Viewing Angles

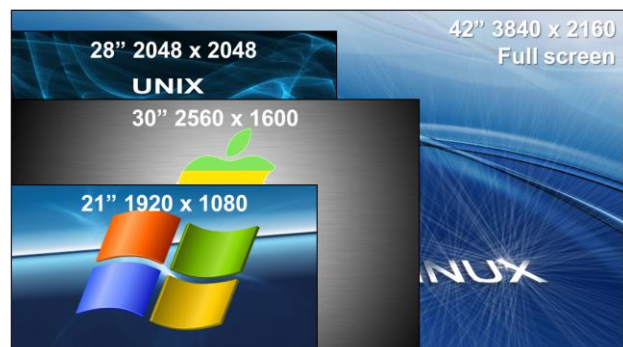
Controllers can comfortably view all data across the entire screen while remaining in one position.

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

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.
- 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	0.24 x 0.24 mm (As per Barco ISIS / Sony DDM).	
Brightness	400 Cd/m ²	
Contrast	5000 : 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	94 x 54.5 x 7.5 cm	
Weight	14.5 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"> • Human Factors Criteria for Displays: A Human Factors Design Standard (FAA DOT/FAA/TC-07/11). • CE, FCC and ROHS. 	
Options	Record	Sentinel 4K x 2K recorder.
	Extend	Sentinel KVMX extender.
	Manage	SNMP, DDC, TELNET

