THRUPUT

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.*
- *4 inputs, all 60 Hz.*
- *800 nits*
- *3000 : 1 contrast ratio.*
- *Anti-reflective.*
- *Pure White LED backlight.*
- *GF VT 16 track record: Over 5 million continuous operating hours.*

New in Version C:
- *On board recording port - Exactly what the controller sees.*
- *Remote Monitoring using SNMP and Web page.*

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

TWO INPUTS: TOP AND BOTTOM

TWO INPUTS: LEFT AND RIGHT

FOUR INPUTS

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THRUPUT

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

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.

Specification — Version C

Inputs	2 off DP 1.2 (60 Hz)	
	2 off HDMI 2.0 (60 Hz)	
Outputs	DP 1.2 Recording Port (Sentinel)	
	3.5 mm Audio jack	
Remote Access	RJ45 Remote control and monitoring	
	RS 232 control and monitoring	
Modes	Single	Full screen
	Dual TB	Top and bottom
	Dual LR	Left and right Balanced or asymmetric screen split
	Quad	One in each quadrant
Resolution	3840 x 2160	
Pixel Pitch	0.334 x 0.334 mm	
Viewing	+/-89° V and H	
Brightness	800 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	1302 x 79 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.	
Options	Record	Sentinel 4K x 2K recorder.
	Extension	Up to 200m, Sentinel KVMX extender.

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