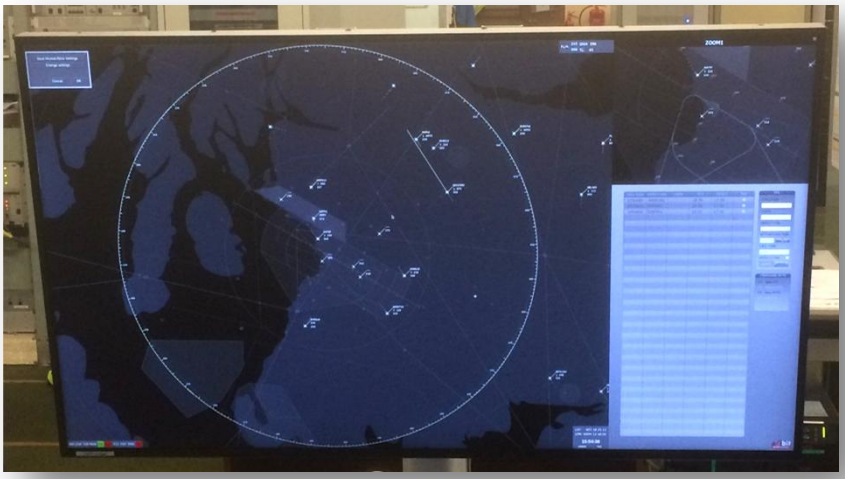
THRUPUT

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

New generation primary control monitor with 8-megapixel resolution and multi-screen presentation, for the highest quality and flexibility in data display.



- *3840 x 2160 resolution.*
- *4 inputs, all 60 Hz.*
- *4000 : 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.*
- *Dual redundant power supply.*
- *Remote Monitoring using SNMP and Web page.*

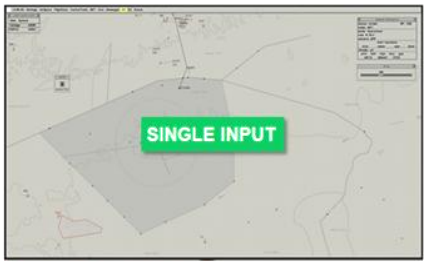
Perfect rendering
The Thruput GF VT 16 displays 8 megapixels across its 43" screen. The pixel pitch is 0.245mm (103 DPI), so label text and map symbols are clear and easily readable.

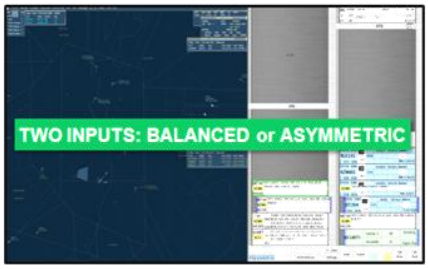
Wide Viewing Angles
Controllers can comfortably view all data across the entire screen while remaining in one position.

- Wide viewing angles of 178^{o} x 178^{o}.
- Minimal colour shift, even at acute angles.

Fast switching
The GF VT 16 includes true loss-less, fully integrated KVM switching:

- Instant changeover from Main to Backup processor channels.
- Zero latency video switching.
- Compatible with existing USB and PS2 switches.





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Pure colour brightness control

Brightness controlled by Thruput True Pixel technology, to ensure for all brightness levels:

- Perfectly rendered colour values.
- Correct contrast maintained.
- Uniform brightness across the screen.

Life cycle benefits

A single GF VT 16 monitor with optimum human factors offers:

- Reduced complexity at the working position.
- Cheaper to install and run than several smaller monitors.
- Low heat in the operations room.
- Long operating life.

A safe and green solution

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

- Over 5 million operating hours completed.
- Low power consumption.
- The LED backlights are mercury free.
- Up to 5 year warranty.

The solution can improve staff health and well-being, with the potential to reduce fatigue related errors:

- Eye and head movements reduce and viewing comfort increases.
- Small bezels: Important data is concentrated in the optimum field of view.
- All pixels the same size.
- Seamless boundaries between sources.
- No discontinuity due to bezels.

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	0.245 x 0.245 mm	
Brightness	500 nits	
Contrast	4000 : 1	
Colour	32 bit colour	
Surface	Anti-glare and anti-reflective	
Power	Universal input voltage, worldwide use. Typically 55 W (normal operation).	
Noise	0 dB (silent operation)	
Size	96.9 x 55.7 x 7.5 cm 1.2 cm bezel	
Weight	14.8 Kg	
Mounting	VESA	
MTBF	87,000 hours (25% brightness)	
HELT	130,000 (25% brightness)	
Backlight	LED	
Update	60 Hz, zero latency (DP)	
Compliance	• Human Factors Criteria for Displays: A Human Factors Design Standard (FAA DOT/FAA/TC-07/11). • CE, FCC and ROHS.	
Manage	LAN (RJ 45)	SNMP, WEB, TELNET, DDC/CI, CLI.
	RS 232	MIDAS and KVM co-operation, CLI.
Options	Power	Redundant Power Supply
	Record	Sentinel DP 1.2 recorder
	Extend	Sentinel KVMX extender
	Install	Desk top stand
	KVM	Fast switching, interoperable with COTS KVM switches

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