

THRUPUT

4K x 2K Hi-bright LCD Monitor GF VT 16 – 40”

New generation primary control monitor with 8-megapixel resolution and integrated fast switching, for the highest quality and flexibility in data display.



- 3840 x 2160 resolution.
- 60 Hz zero latency.
- Anti-reflective.
- 4800 : 1 contrast ratio.
- Pure White LED backlight.
- GF VT 16 track record: Over 5 million continuous operating hours.

New in Version C:

- Instant channel change - Main to Backup.
- On board recording port - Exactly what the controller sees.

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.

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.



Wide Viewing Angles

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

Pure colour brightness control

Brightness is controlled by Thruput’s pure colour control technology, making it ideal for any ATC Control Tower:

- Displayed colours are perfect at all brightness settings.
- Maintains colour accuracy and contrast at all brightness settings.
- Uniform brightness across the screen.
- User controls for day & night operation.

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 ATC Tower.
- Less tiring for the user, with potential improvements to staff health and well-being, that may also reduce fatigue related errors.

Touch screen

For a Touch Screen version, please refer to the Thruput GF VT 20 40 HBT monitor.

Specification

Version C

Inputs	2 off DP 1.2 (60 Hz) 2 off HDMI 2.0 (60 Hz)	
Outputs	DP 1.2 Record 3.5 mm Audio jack RJ45 Remote control and monitoring	
Modes	KVM	Fast video switching Supports USB/PS2 switches
	Single	Full screen
	Dual	Top and bottom
		Left and right
Quad	One in each quadrant	
Resolution	3840 x 2160	
Pixel Pitch	0.22 x 0.22 mm	
Brightness	550 nits	
Contrast	4800 : 1	
Colour	32 bit colour	
Surface	Anti-glare and anti-reflective	
Power	Universal input voltage, worldwide use. Typically below 50W (normal operation). Main + Optional redundant PSU's.	
Noise	0 dB (silent operation)	
Size	89.7 x 50.8 x 6.7 cm	
Weight	13 Kg	
Mounting	VESA 200 x 200 mm centres	
MTBF	87,000 hours (25% brightness)	
Backlight	LED	
Update	60 Hz, zero latency (DP)	
Compliance	CE, FCC and ROHS.	
Manage	TELNET, SNMP, DDC/CI.	
Options	Power	Redundant Power Supply
	Record	Sentinel DP 1.2 recorder
	Extend	Sentinel KVMX extender
	Install	Desk top stand



Thruput Limited operates a policy of continuous improvement and information in this document is subject to change without notice.