

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

- *3840 x 2160 resolution.*
- *Optically (liquid) bonded for the clearest picture.*
- *4 inputs, all 60 Hz.*
- *3000 : 1 contrast ratio.*
- *Pure White LED backlight.*
- *Hi-bright 700 nits Brightness.*
- *On board recording port - Exactly what the controller sees.*
- *Dual redundant power supply.*



### **Perfect rendering**

The Thruput GF VT 20 displays 8 megapixels across its 32" screen. The pixel pitch is 0.1845mm (137 DPI), so label text and map symbols are clear and easily readable.

### **Touch screen**

Provides simultaneous multi-touch events for a selected input, with ultra-high definition, 4K x 4K touch resolution.

- Smooth touch performance and drawing capability.
- Smooth edge finish for user comfort, durability and safety.
- Easy-to-clean, no wear surface limits debris build up for increased reliability.

### **Fast switching**

The GF VT 20 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.



# 4K x 2K Hi-bright Optically bonded Touch Screen GF VT 20 – 32 TS

## 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 20 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 option.

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

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	
Resolution	3840 x 2160	
Pixel Pitch	0.1845 x 0.1845 mm	
Brightness	700 nits	
Contrast	3000 : 1	
Colour	32 bit colour	
Surface	Anti-glare and anti-reflective	
Power	Universal input voltage, worldwide use. Typically 55 W (normal operation). Dual power inputs with audio and visual alarm.	
Size	82.8 x 52.5 x 8.0 cm	
Dot Pitch	0.0615 x 0.1845 mm	
Weight	19 Kg	
Mounting	VESA 200 x 200 (Adaptor plate option)	
MTBF	87,000 hours (25% brightness)	
Backlight	LED	
Update	60 Hz, zero latency (DP)	
Touch Inputs	Up to 10 touches with palm rejection.	
Input Method	Finger, or stylus.	
Accuracy	>99% of true position	
Compliance	<ul style="list-style-type: none"> <li>• Human Factors Criteria for Displays: A Human Factors Design Standard (FAA DOT/FAA/TC-07/11).</li> <li>• CE, FCC and ROHS.</li> </ul>	
Manage	LAN (RJ 45)	TELNET, DDC/CI, CLI.
	RS 232	MIDAS and KVM co-operation, CLI.
Options	Power	Redundant Power Supply
	Record	Sentinel DP 1.2 recorder
	Pen	Non active touch pen