

30" (2560 x 1600) Safety Monitor



For Cloud Computing applications, the Thruput 30" monitors with Videomax can be driven at full resolution via PCoIP portals or Thin Client devices. The photograph shows two 30" on a single PCoIP portal.

The Thruput 30 inch monitor provides:

- 30 inch 2560 x 1600 resolution
- Supports remote operation via PCoIP and thin client
- Truepixel™ safety
- Low temperature operation
- External power supply

Specification

Horizontal resolution	pixels	2560
Vertical resolution	pixels	1600
Horizontal screen	mm	643
Vertical screen size	mm	403
Diagonal	inches	30
Luminance	Cd/m ²	400
Contrast ratio		700:1
Input Channels	DVI dual link	
Power supply	External	
Remote operation	Compatible with PCoIP and Thin clients using Videomax .	



Videomax enables Thin Client PCoIP portals to drive the thruput 30" monitor at full native resolution.

Truepixel™ Safety

The **Truepixel™** concept developed from the analyses carried out by UK CAA Safety regulators into the failure modes of LCD monitors. **Truepixel™** technology provides an optimum Safety Case for the system:

- Every pixel from the graphics source is mapped to a physical pixel without any internal firmware manipulation.
- The data received is exactly the data displayed.
- Minimum throughput delay.
- Minimised component stress levels.
- All analogue input data is correlated and converted to digital in one operation through a single integrated 24-bit A/D converter.
- No Pixel processing or scaling.
- No On Screen Display processing.
- Self evident failure modes.

- PCoIP Graphics Accelerators.
- Legacy systems Operational Support (Sony DDM).
- DVI dual link video switching and extenders



Merlin helicopter: MIDAS 2 Video processing Unit.

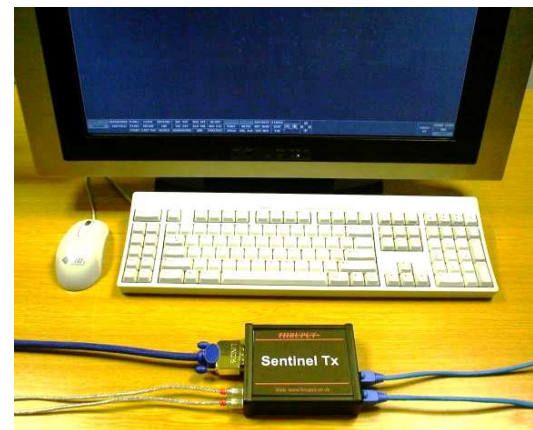


Warsaw ACC: Operational supervisors station.

Thruput Graphics technology

Thruput are dedicated to the creation and support of innovative high-resolution graphic products:

- Video fusion for command and control
- Real time video processing for simulators and video walls
- DVI dual link video recording synchronised with audio and radar data.



Tallinn ACC: Network based video capture and distribution.

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