

Digital Video Capture



Thruput Video Capture Technology is available for system integrators to enable real time, non-intrusive video capture at-the-glass.

The units are supplied in Lo-Res and Hi-Res versions.

The Digital Video Capture units provide:

- Dedicated video capture, independent of the video source.
- Supported resolutions:
 - DVI Dual link, including 2048 x 2048 and 2560 x 1600.
 - DVI Single link, up to 1920 x 1200.
- Failsafe, never corrupts or degrades the displayed video.
- Passive splitting of video signal.
- Industry Standard Camera Link output.
- User selected Frame Rate and Colour Depth.

Thruput Video Capture systems have been developed for use in the Air Traffic Control Market, and are fully operational recording DVI Dual Link (2048 x 2048) video channels in synchronization with DVI Single Link video channels.

The Thruput solution is optimal where the speed and quality of video capture is paramount.



Specification

Supported resolutions

DVI DL inputs:	2048 x 2048
	2560 x 1600
DVI SL inputs	All, up to
	1920 x 1200

Output connector:

CML or Mini-CML	Yes
Output format:	Camera link

User configurable settings

DVI SL (Frames per second)	Up to 30
DVI DL (Frames per second)	Up to 14
Colour depth (bit)	8,12,16 or 24

Physical

Size mm (Lo-Res unit, mm):	115 x 75 x 25
Size mm (Hi-Res unit, mm):	144 x 66 x 29

Weight (grams):	350
Power supply	
CML connector	USB.
Mini-CML connector	USB and PoCL.

At time of order, please specify:

- Required input resolution.
- Required output connector (CML or Mini-CML).

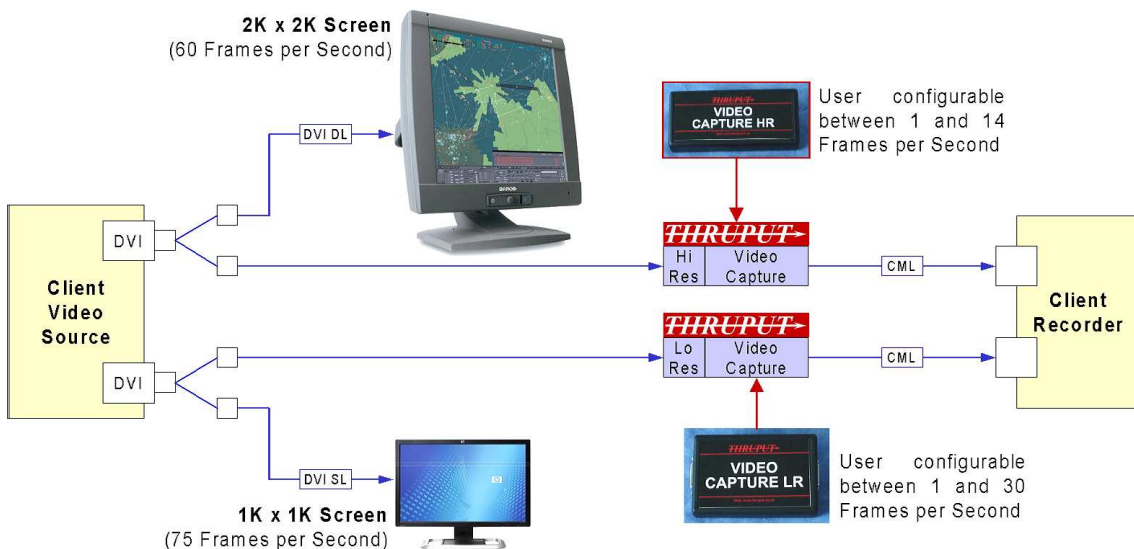
System Safety

The video capture units are wholly independent of the video source that produces the data.

The units are simply linked to the video output via their own passive video splitter and the data is instantly captured for recording and storage.

The units produce the capture image in Camera Link Format.

Video Capture Configuration



Thruput video capture systems are compatible with any monitor resolution and are wholly independent of the data source.

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