epiphan video
capture • stream • record

VGA GRID™

A scalable, multi-channel HD video recording, streaming and multi-viewer solution for SDI, DVI/HDMI™/VGA and S-Video



VGA Grid comes with 6 TB of removable storage and is configurable with SSDs or up to 24 TB of HDD with RAID mirroring and redundancy. VGA Grid can also automatically transfer recorded files to your NAS providing 24/7 operation via FTP, SFTP, SCP, RSYNC or CIFS.

VGA Grid is deployed around the world in mission critical situations including network operation centers, air traffic control, flight test operations, simulation centers, and military training.





✓ SCALABLE

Capture and record up to 12 local HD video sources simultaneously with Standalone VGA Grid

✓ NETWORKED

Capture and record up to 64 remote sources via Ethernet/IP networks with Networked VGA Grid

✓ SYNCHRONIZED

Synchronize your capture with a local or remote time server and apply timestamping for accurate recording

✓ HIGH PERFORMANCE

HD video capture, stereo audio encoding, streaming and recording at 30 fps

✓ FEATURE RICH

Recording, multi-encoding, multi-source layouts, custom backgrounds and branding

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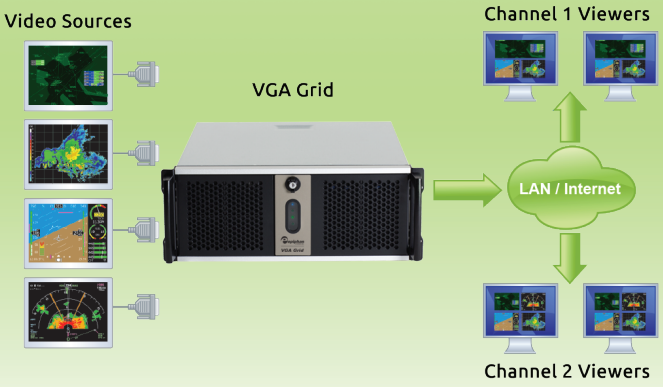
BR104-04-1

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VGA GRID
CAPTURE•STREAM•RECORD

STANDALONE VGA GRID SYSTEMS

Standalone VGA Grid systems contain either 4 or 6 internal capture cards that directly capture SDI, DVI/HDMI™/VGA, S-Video and audio sources. This standalone system captures, encodes, streams and records up to 12 HD channels at 30 frames per second.



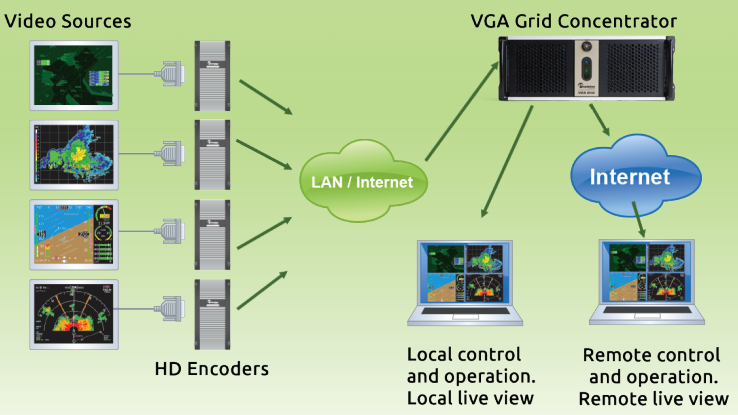
RESOLUTION	SIGNAL TYPE	CONNECTOR
2560×1600, 2048×2048	Dual-link DVI, VGA	DVI-I
1920×1080, 1920×1200	Single-link DVI, HDMI, VGA, DisplayPort	DVI-I
480i, 576i, 720p, 1080i, 1080p	SD-SDI, HD-SDI, 3G-SDI	SDI
640×480, 720×576	S-Video, Composite	S-Video



VGA Grid

NETWORKED VGA GRID SYSTEMS

Networked VGA Grid systems use a single VGA Grid Concentrator connected via IP/Ethernet to up to 64 VGA Grid HD Encoders. Networked VGA Grid captures, encodes, streams and records up to 64 channels of full HD at 30 frames per second. Networked VGA Grid has no local capture cards.

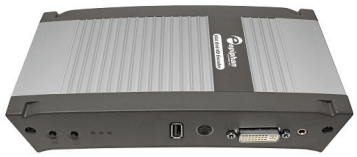


RESOLUTION	SIGNAL TYPE	CONNECTOR
1920×1080, 1920×1200	Single-link DVI, HDMI, VGA, DisplayPort	DVI-I
640×480, 720×576	S-Video, Composite	S-Video

VGA Grid Concentrator



VGA Grid HD Encoder



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