epiphan video
capture • stream • record

VGA GRID™, a scalable, multi-channel live video mixer with HD video recording and streaming.

VGA Grid, our largest and most powerful live production switcher, is the trusted choice of mission-critical applications around the world. Configurable with 6 to 24 TB of removable storage, VGA Grid is perfect for your high-intensity recording and streaming needs, 365 days a year.

Simple to use monitoring and live switching between sources or layouts using Epiphan Live, a control interface designed for ease of use with touch screen devices.

✓ HIGH PERFORMANCE
Capture 8 - 12 HD video sources at 30 fps.

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

✓ SCALABLE
Capture, record and switch between up to 12 local HD video sources with Standalone VGA Grid
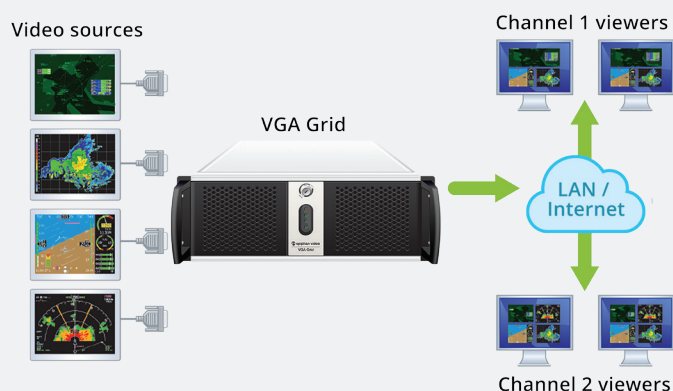
✓ NETWORKED
Capture and record up to 64 remote sources via Ethernet/IP networks with Networked VGA Grid

✓ FEATURE RICH
Create fully customized layouts for switching. Records all your sources. Performs multi-encoding.
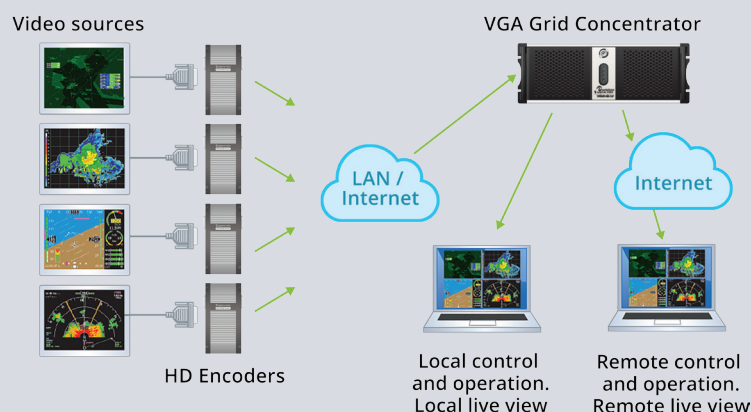
Standalone VGA GRID Systems

Standalone VGA Grid systems can capture 8 - 12 HD video sources including IP cameras, SDI, DVI, HDMI™, VGA and S-Video as well as audio sources. This standalone system captures, encodes, switches, streams and records up to 8 1080p channels at 30 fps.

Video sources

VGA Grid

Channel 1 viewers

LAN / Internet

Channel 2 viewers

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 or IP cameras. 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.

Video sources

VGA Grid Concentrator

LAN / Internet

Internet

HD Encoders

Local control and operation. Local live view

Remote control and operation. Remote live view

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

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