



VISLINK

At the heart of the action.



The Vislink INCAM GV 5G is a fully integrated HEVC 4K UHD, HDR-ready wireless video transmitter and receiver, designed for use with Grass Valley's LDX 100 Series live production cameras. The INCAM GV 5G leverages the capabilities of private 5G cells in studios and stadiums, as well as public sliced 5G networks. It complements the latest design enhancements incorporated into the Grass Valley LDX 100 Series cameras for heightened usability and ergonomic operation.

The INCAM GV 5G delivers broadcast-quality encoding at multiple resolutions including 4K UHD, 1080p, 1080i and 720p. It facilitates the bonding of multiple IP connections in real time, enabling a blend of cabled and wireless applications at various venues. This enables seamless transition between wired and wireless operations during live broadcasts, enhancing reliability with hot failover capabilities.

Broadcast organizations can leverage the INCAM GV 5G's HEVC video coding technology to transmit high-quality images efficiently, even over minimal 5G bandwidth or constrained IP connections like Starlink and traditional wired networks.

With support for dual 5G cellular connections, in addition to WiFi and wired internet options, the INCAM GV 5G provides market-leading bonding connectivity and enables roaming between public and private 5G networks.

INCAM-GV 5G Datasheet

INCAM-GV 5G

Grass Valley HEVC 4K UHD 5G
Wireless Camera Transmitter

Live event broadcasts

Wireless Camera Solution

HEVC

Low Latency

Key features

- HEVC/4K UHD Very Low Latency Encoder
- HDR Ready
- 10-bit 4:2:2
- FocalPoint compatible internal IP-based Camera Control
- Remote control over Wi-Fi via web interface
- 2 x 5G modems supporting Private 5G
- Data bonding supporting transparent IP connection
- Return vision
- Intercom functionality
- Data channels for third-party devices such as DMX lighting systems or robotic head controls to facilitating remote production setups

Typical applications

- Event Coverage
- Newsgathering
- Sports Coverage
- Studio Cameras



VISLINK

E: sales@vislink.com

T: +1 908 852 3700 / + 44 1442 431300

Learn more at www.vislink.com

	Specification
RF Output	
Modulation	ISDB-T, LMS-T, DVB-T2*
RF Frequency Output	Wideband 1.9-3GHz / 3.0-4.0GHz/ 4.0-5.0GHz/ 5.0-6.0GHz/ 6.0-7.5GHz*
RF Output Power	50 or 100 mW
Video Inputs	
1x HD/4K internal video connection	✓
Video Formats	
1x HD	480i50 576i50 720p@50/59.94/60 1080i@50/59.94/60 1080p@23/24/25/29/30/50/59.94/60
1x 4K	UHDp@23/24/25/29/30/50/59.94/60
Audio Inputs	
Embedded Audio	4x Embedded Audio
Video Compression	
HEVC Encoding	4:2:2 Chroma, 10-bit Luma
Audio Compression	
AAC	✓
Remote Control	
WiFi remote control	Web browser
UHF Telemetry	Remote control commands

* *Licensable*

Specification

Telemetry

UHF input

410 to 490 MHz FSK over FM modulation*

Camera Power and Control

FocalPoint Control

Internal IP-based Camera Control

Power

DC Power

Internally powered by the camera, controlled by camera on-off switch

Physical Connectors

RF Out

SMA

UHF

N-connector

* Feature available post-launch