



## At the heart of the action.

# Vislink Cliq OFDM Mini Camera Transmitter

Live event broadcasts

**Wireless Camera Solution** 

**HEVC** 

Low Latency



For major live events, nothing engages viewers more than being brought to the heart of the action. To deliver these immersive views to TV audiences, the Vislink Cliq mini wireless camera encoder provides high quality images, transmission robustness and, with its small form-factor can be positioned almost anywhere or on anything.

The Vislink Cliq has the ability to transmit a single 4K HDR video feed or two HD HDR video services. By utilizing HEVC video coding technology, broadcast organizations can deliver more high-quality images over precious RF bandwidth. Through HEVC encoding, the Vislink Cliq enables creative freedom to deliver richer, more engaging video productions through move camera feeds.

The Vislink Cliq has been engineered to meet the rigorous demands of Tier-1 live events. Its small size makes it a perfect pairing for many different types of cameras and is well-suited for use in many different applications. Whether used in companion with mirrorless cameras to isolate the subject from the background, in conjunction with high frame-rate/slo-mo replay cameras or positioned on drones, vehicles or even on people, the Vislink Cliq can ensure reliable transmission of video feeds that engage the viewer like nothing else.

#### **Key features**

- o 1x 4K or 2x HD video inputs
- Highest quality HEVC 10-bit 4:2:2 encoding that supports HDR
- Ultra-reliable COFDM transmission
- Wide-ranging frequency selection
- Simple Wi-Fi / Web configuration

#### Typical applications

- Live event broadcast
- Bodyworn or in-vehicle transmission
- POV camera systems
- Drone video downlinking



Modulation   ISDB-T, LMS-T, DVB-T/T2*		Specification
### RF Frequency Output  ### RF Output Power  ### Adjustable from 10mW to 100mW  ### Video Inputs  ### 2x #ID SDI Video Inputs  ### 2x #ID ### 2x #ID #ID SDI VIDEO Inputs  ### 2x #ID ### 2x #ID #ID SDI VIDEO Inputs  ### 2x #ID #ID SDI VIDEO Input SDI VIDEO	RF Output	
RF Output Power  Adjustable from 10mW to 100mW  Video Inputs  2x 3G SDI video Inputs  2x 3G SDI up to 1080p 50/60  1x 4K, 12G SDI video Inputs  2x HD  480iS0 576iGB 575iGB 720p850/89.94/60 1080p823/24/25/29/30/50/59.94/60  1x 4K  UHDp@23/24/25/29/30/50/59.94/60  Lx 4K  UHDp@23/24/25/29/30/50/59.94/60  Embedded Audio  External Analogue Audio Input  2x Mono Analogue inputs or one stereo  Video Processing  2x HD encodes	Modulation	ISDB-T, LMS-T, DVB-T/T2*
Video Inputs         2x 3G SDI up to 1080p 50/60           tx 4K, 12G SDI Video Inputs         12G SDI up to 4K p50/60           Video Formats         480/50 576/50           2x HD         480/50 576/50 1080/98/30/59.94/60 1080/98/32/4/25/29/30/50/59.94/60           1x 4K         UHDp@23/24/25/29/30/50/59.94/60           Audio Inputs         Embedded Audio           External Analogue Audio Input         2x Mono Analogue inputs or one stereo           Video Processing         V           2x HD encodes         V           Video Compression         HEVC Encoding           Audio Compression         Audio Compression           AAC         V           Remote Control         Web browser           WiFi remote control         Web browser	RF Frequency Output	Wideband 2.0 to 2.9GHz, 4.4 to 4.7 GHz*, 6.4 to 7.5GHz*
2x HD SDI Video Inputs         2x 3G SDI up to 1080p 50/60           1x 4K, 12G SDI Video Inputs         12G SDI up to 4K p50/60           Video Formats         480i50	RF Output Power	Adjustable from 10mW to 100mW
1x 4K, 12G SDI Video Inputs         12G SDI up to 4K p50/60           Video Formats         480/50           2x HD         480/50           76/60         720/pe/50/59.94/60           1080/pe/23/24/25/29/30/50/59.94/60         1080/pe/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           External Analogue Audio Input         2x Mono Analogue inputs or one stereo           Video Processing         ✓           2x HD encodes         ✓           1x 4K encode         ✓           Video Compression         4:2:2 Chroma, 10-bit Luma           Audio Compression         AAC           AAC         ✓           Remote Control         Web browser           WiFi remote control         Web browser	Video Inputs	
Video Formats         480150 576150 720 p@50/59.94/50 12016950/59.94/50 12016950/59.94/60 12016950/59.94/60 12016950/59.94/60           1x 4K         UHDp@23/24/25/29/30/50/59.94/60           Audio Inputs         4x Embedded Audio           External Analogue Audio Input         2x Mono Analogue inputs or one stereo           Video Processing         ✓           2x HD encodes         ✓           1x 4K encode         ✓           Video Compression         HEVC Encoding           Audio Compression         AAC           AAC         ✓           Remote Control         Web browser           WiFi remote control         Web browser	2x HD SDI Video inputs	2x 3G SDI up to 1080p 50/60
2x HD  480i50 576i50 720p850/59,94/60 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  External Analogue Audio Input 2x Mono Analogue inputs or one stereo  Video Processing 2x HD encodes  1x 4K encode  Video Compression  HEVC Encoding 4:2:2 Chroma, 10-bit Luma  Audio Compression  AAC  Remote Control  Ethernet remote control  Web browser	1x 4K, 12G SDI Video Inputs	12G SDI up to 4K p50/60
S76150   720p@s0/59.94/60   1080p@c23/24/25/29/30/50/59.94/60   1080p@c23/24/25/29/30/50/59.94/60   1080p@c23/24/25/29/30/50/59.94/60	Video Formats	
Audio Inputs  Embedded Audio  External Analogue Audio Input  2x Mono Analogue inputs or one stereo  Video Processing  2x HD encodes  1x 4K encode  Video Compression  HEVC Encoding  Audio Compression  AAC  Remote Control  Ethernet remote control  Web browser	2x HD	576i50 720p@50/59.94/60 1080i@50/59.94/60
Embedded Audio  External Analogue Audio Input  2x Mono Analogue inputs or one stereo  Video Processing  2x HD encodes  7x 4K encode  Video Compression  HEVC Encoding  4:2:2 Chroma, 10-bit Luma  Audio Compression  AAC  Remote Control  Ethernet remote control  Web browser  WiFi remote control  Web browser	1x 4K	UHDp@23/24/25/29/30/50/59.94/60
External Analogue Audio Input  2x Mono Analogue inputs or one stereo  Video Processing  2x HD encodes  1x 4K encode  Video Compression  HEVC Encoding  4:2:2 Chroma, 10-bit Luma  Audio Compression  AAC  Remote Control  Ethernet remote control  Web browser  WiFi remote control  Web browser	Audio Inputs	
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2x HD encodes  1x 4K encode  Video Compression  HEVC Encoding  4:2:2 Chroma, 10-bit Luma  Audio Compression  AAC  Remote Control  Ethernet remote control  Web browser  WiFi remote control  Web browser	External Analogue Audio Input	2x Mono Analogue inputs or one stereo
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Video Compression  HEVC Encoding 4:2:2 Chroma, 10-bit Luma  Audio Compression  AAC  ✓  Remote Control  Ethernet remote control  Web browser  WiFi remote control  Web browser	2x HD encodes	$\checkmark$
Audio Compression  AAC  Remote Control  Ethernet remote control  WiFi remote control  Web browser	1x 4K encode	✓
Audio Compression  AAC  Remote Control  Ethernet remote control  WiFi remote control  Web browser	Video Compression	
Remote Control  Ethernet remote control  WiFi remote control  Web browser  Web browser	HEVC Encoding	4:2:2 Chroma, 10-bit Luma
Remote Control  Ethernet remote control  Web browser  WiFi remote control  Web browser	Audio Compression	
Ethernet remote control  Web browser  WiFi remote control  Web browser	AAC	$\checkmark$
WiFi remote control  Web browser	Remote Control	
	Ethernet remote control	Web browser
	WiFi remote control	Web browser
UHF Telemetry Remote control commands	UHF Telemetry	Remote control commands



### **Cliq Datasheet**

	Specification
Telemetry	
UHF input	410 to 490 MHz FSK over FM modulation*
Camera Power and Control	
CAN/RS232 control bus	2x CAN, 1x RS232/485
Power	
DC Power	11-24V
Physical Connectors	
Video	Micro BNC
RF Out	SMA
Ethernet	RJ45
UHF	QMA
Camera RS232/CAN/Data, Audio, Power	15-Way Micro D Connector
Physical Size	

**Physical Size** 

71mm x 63.5mm x 31mm



<sup>\*</sup> Feature available post-launch