

ViewBack

Dual Diversity Receiver



Key Features

[Ideal for use on Steadicams](#)

[Supports LMS-T and DVB-T modulation](#)

[Remote control via Bluetooth](#)

[HDMI & HDSDI outputs](#)

Typical Applications

[Sports Coverage](#)

[Event Coverage](#)

The Vislink ViewBack is a lightweight, low power, low latency diversity receiver-decoder, intended primarily to provide reception of return video transmission back to the camera operator.

Other applications include reception of camera / studio output to a 'production' monitor on set, or as a wireless 'autocue' receiver.

Operating over a wide frequency range (up to 6 GHz) the receiver supports Vislink proprietary robust LMS-T demodulation in addition to low latency H.264 decoding. DVB-T and MPEG2 are included.

Outputs include HDMI™ and HDSDI, the latter being switchable, in wireless camera applications, between the local camera video and the return received video. A lens interface is provided to utilise the 'return' button of the camera lens for switching the HDSDI output.

On switching, picture interruption is avoided by use of local 'frame lock' information extracted from the camera source.

The Vislink ViewBack is supplied with flexible quarter-wave antennas, and various mounting options for camera and Steadicam rigs are available at extra charge. User control is made available via the Vislink App over Bluetooth™. The App is available for Android and iOS devices, and PC.

ViewBack Datasheet



Technical Specifications	
Frequency Range	100 MHz to 6 GHz direct inputs with band specific filtered SMA antennas
Demodulation	
Demodulation LMS-T	<ul style="list-style-type: none"> Bandwidths of 5/6/7/8/10/ 12 MHz & Dual LMST 10/12/14/16/20/24 MHz QPSK, 16QAM (auto-detected) FEC 2/3 Dual RF diversity
Demodulation DVB-T	<ul style="list-style-type: none"> Bandwidth of 6/7/8 MHz Dual RF Diversity
Frame Rates	
Frame Rates	<ul style="list-style-type: none"> 480i@59.95 576i@50 720p@50/59.95 1080i@50/59.95/60 1080p@23.98/24/50/59.94
Audio Decoder	<ul style="list-style-type: none"> MPEG-1 L2 AAC
Video Decoder	<ul style="list-style-type: none"> H.264 SD/HD AVC encoder/MPEG-4 Part 10 MPEG-2 (factory option) Vislink low delay compatible
Video Outputs	<ul style="list-style-type: none"> HDMI 1.4 receptacle connector 2x 75Ω mini BNC, switchable between camera output & received video
Video Inputs	HD-SDI (from camera output) Mini-BNC
ASI Input	ASI source to decoder as an alternative to the internal demodulator Mini-BNC
User Interface	
Remote Control	<ul style="list-style-type: none"> Low Energy Bluetooth V4 control* Range ~3 Meters <p>*Available for iOS & Android devices and PC.</p>
Camera Interface	
Interface	<ul style="list-style-type: none"> Standard Hirose 12-pin Female 'lens return' interface (HR10A-10R-12S) External Y-cable is supplied to intercept camera/lens signals
Physical/Environmental Specifications	
Dimensions	83 mm (W) x 134 mm (D) x 20 mm (H)
Weight	400 g
Power	DC 10 – 34V pin1 +Ve, pin2 0V* (*CONNLEMOEGG7 on unit)
Power Consumption	<14 W
Operating Temperature	-10 to 50°C
Humidity	<85% Non-condensing

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