



QDR HEVC

**Ultra-Portable. Field-Ready.
Built for the Demands of Live Production.**

The QDR HEVC is a rugged, compact diversity receiver designed for high-performance field use. Whether you're supporting live event coverage, remote sports production, drone operations, or Steadicam returns on set, this receiver delivers dependable, ultra-low latency video and audio when and where you need it.

Built for maximum flexibility, the unit supports h.264 and HEVC (h.265) decoding—up to full 4K UHD resolution—making it ideal for high-quality confidence monitoring, talent return, or on-location broadcast assist. Its compact footprint (250 × 120 × 60 mm) and lightweight design (500g) make it easy to mount on a tripod or lighting stand and power via XLR or V-Lok battery in the field.

With dual RF inputs and maximum ratio combining diversity, the receiver delivers exceptional RF performance across multiple bands—including 1.14–1.5 GHz, 2.0–2.7 GHz, and 5.5–6.0 GHz—making it an agile tool across a wide range of wireless applications.

KEY BENEFITS

- Compact and portable: Just 250 × 120 × 60 mm and weighs only 500g
- Dual antenna diversity for robust signal reception
- Easy tripod mount and onboard joystick for quick setup
- Flexible input support: h.264 and optional 4K HEVC decoding
- Optional IP streaming for seamless content distribution

APPLICATIONS

Drone Downlink – Quickly capture and monitor live aerial footage with robust RF reception and real-time decoding.

Film Assist & Confidence Monitoring – Decode and display ultra-low latency 4K/HD return video for directors, camera ops, or producers.

Talent Return / Steadicam Return – Give on-air talent or operators reliable visual feedback without delays.

IP-Based Workflows – Optional IP streaming (SRT, UDP, RTP, multicast) allows seamless integration into networked environments.



QDR HEVC | KEY FEATURES

Connectors

RF Input from ANT 1	N-type Female 50 Ohm
RF Input from ANT 2	N-type Female 50 Ohm
Power	XLR4M
Control	RJ45

Output

HD-SDI Video Out 3G/12G	HDBNC
Audio	Hirose 6-pin Male

RF

Frequency Bands	1.14 to 1.50 GHz 2 to 2.70 GHz 5.50 to 6 GHz
Tuning Step Size	250 kHz

Control

Local	Joystick Control Panel
Remote	Ethernet

Physical

Size	250 x 120 x 60 mm
Weight	500g
Temperature	-10 to +45 °C
Mounting	3/8" Screw mount
DC Input	9V to 16V, 14W consumed

Modulation

DVB-T Bandwidth	8/7/6 MHz
DVB-T Guard	1/32, 1/16, 1/8, 1/4
DVB-T FEC	1/2, 2/3, 3/4, 5/6
DVB-T Modulation	QPSK, 16QAM, 64QAM
DVB-T Sensitivity	-95 dBm

Video

Video Coding	H.264 and Optional H.265
Input Format H.264	1920x1080p 60/59.94/50Hz 1920x1080i 60/59.94/50Hz 1920x1080p 30/29.97/25/24/23.97Hz 1920x1080psf 30/29.97/25/24/23.97Hz 1280x720p 60/59.94/50Hz
Input Format HEVC	4K UHD. 4:2:2/4:2:0, 8/10-bit 2160p 23.98/24/25/29.97/30/50/59.94/60 HD. 4:2:2/4:2:0, 8/10-bit 720p 50/59.94/60 1080i 50/59.94/60 1080p 23.98/24/25/29.97/30/50/59.94/60 1080psf 23.98/24/25/29.97/30

Monitor

SFP	MSA or non-MSA modules 12G-SDI secondary output for monitoring including down sampling to HD
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HDR/WGC

We support	Rec. ITU-R BT.2100-2 (PQ and HLG) Rec. ITU-R BT.2020
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Audio

Format	Embedded
Decoder	MPEG-1 Layer 1, MPEG-1 Layer-2, Linear PCM
Quantity	8 pairs
Analogue	1 pair, Line Level (+18/+24 dBu)

IP Streaming

Formats	Unicast / Multicast / UDP / RTP / SRT
Bitrate	50Mb/s maximum

Product Codes

HHRX-114150	Portable Receiver 1.14-1.5GHz
HHRX-200270	Portable Receiver 2-2.7GHz
HHRX-550600	Portable Receiver 5.5-6GHz

