

LIVE-TRACER

HD Wireless Receiver



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- The LIVE-TRACER is an evolution of wireless receiver from Livetools Technology with additional card for HD decoding.
- Demodulate DVB-T and custom DPRO modulations, with bandwidths of 4,8,10 and 20MHz; custom bandwidths available on demand
- Several frequency ranges are available between 1.3 and 7.9GHz and can be varied by choosing the appropriate LNB (low noise amplifier / down converter)
- HD-SDI video output (HD/SD), CVBS (SD only), and many other interfaces
- Balanced analog audio and ASI compressed stream outputs

Specifications

- 3 frequency bands from 1.3GHz to 2.7GHz
- Several frequency bands between 1.3 and 7.9GHz
- Modulation DVB-T or Proprietary (DPRO)
- Mpeg2, 4:2:0 / 4:2:2 profiles (SD) and H264 decoding (HD/SD)
- 1x HD-SDI video output (HD/SD)
- 2x Composite video output CVBS (SD)
- 1x compressed stream ASI output
- 1x RS 232 data output port
- 4x general purpose inputs-outputs (TTL) for custom applications (on specific request)
- PIN code for content privacy
- 1 genlock input
- 1 genlock output
- CE and UL certified (EMC and safety)
- DVB-T or custom DPRO demodulation, bandwidths up to 20MHz
- AC or DC power input (110 - 240Vac or 10 - 17Vdc)
- Thermally and electrically protected
- Weight: 4Kg
- Size: 440 x 350 x 44mm (Rack 1U)
- Power consumption: 25 to 40W

Options

- Available reception LNBS: 1300-1700MHz, 1990-2380MHz, 2310-2700MHz, 3400-3800MHz, 7000-7400MHz, 7500-7900MHz (others on demand)
- MRC Diversity reception package (second LNB + second UHF demodulator + software)
- DPRO4 - 8 - 10 - 20 options : improved DVB-T system, especially suited for mobile applications.
- Remote control by Ethernet

Applications

- Fixed and mobile points for security applications
- Further improved reception by diversity option
- Security cams monitoring by mobile patrols

References

Overnight security of Bry-Sur-Marne, France (mobile patrol unit selecting and receiving live video feeds from command center).

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