

Rinilink R1000-2.4TX-10

Key Features

- 1W COFDM output power
- Rapid deployment
- Supports DVB-T and narrow bandwidth modes
- DC powered
- LOS and NLOS operation
- MPEG2 and MPEG4 encoding
- Bodyworn applications



The R1000 system is a powerful yet fully portable addition to the Rinicom range of digital video products. It contains a fully integrated digital receiver for use with R1000 transmitter units.

Compact, battery powered and in a ruggedized case, the transmitter is designed for customers who require a discrete and completely portable surveillance solution.

Video is received using a R1000 COFDM receiver. See product brief Rinilink R1000-2.4RX-1 and Rinilink R1000-2.4RX-4 for corresponding receivers.

Unit Parameters

Parameter	Details
RF	+30dBm (1W) COFDM output power 2405 to 2478MHz
Modulation and coding	COFDM QPSK, 16QAM, 64QAM Bandwidth 8MHz to 1.25MHz FEC 1/2, 2/3, 3/4, 5/6, 7/8
Video	MPEG2 decoding MPEG4 decoding PAL / NTSC resolution Latency 43ms to 500ms depending on mode
Control	16 presets configured over RS232
Connections	Power in / RS232 control - 8 way Binder 620 series plug Video in – 6 way Hirose HR10A socket RF out – SMA jack
LED indicator	Power LED
Power requirements	9V-16VDC 12W power consumption at +30dBm output
Dimensions	125mm x 55mm x 35mm (excluding connectors)
Case	Aluminium Anodised black
Accessories	1pcs – bodyworn antenna set (RHCP) 1pcs – omni antenna with TNC plug 1pcs – power input cable with 2.1mm jack 30cm 1pcs – video input cable Hirose to BNC plug 60cm 1pcs – RS232 control cable with power input