



rinicom
secure communications

HHRX2

Mobile Digital Receiver

- ◆ COFDM diversity receiver
- ◆ Rapid deployment
- ◆ Supports DVB-T and narrow bandwidth mode
- ◆ Internal smart battery (User replacable)
- ◆ LOS and NLOS operation
- ◆ Encryption options
- ◆ Outdoor viewable screen
- ◆ Internal cooling fan



The R1000 HHRX2 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 light weight, the R1000 HHRX2 is designed for customers who require a discrete and completely portable surveillance solution. Standalone models provide great flexibility for system installers and integrators.

The R1000 HHRX2 is suitable for line of sight and non line of sight video reception. Further range may be achieved by selecting reception mode, booster amplifiers and antenna type.

Video is transmitted using a R1000 COFDM transmitter. See the R1000 Tx product brief for R1000 Tx options.



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HHRX2

Datasheet

Screen Parameters

Screen size and type	IPS LCD 7" (17.8cm)
Screen resolution	1280x800
Backlight	LED
Aspect ratio	16:9
Brightness	400cd/m2
Contrast ratio	800:1
Viewing angle	89/89 (Left/Right) 89/89 (Up/Down)
Video colour system	PAL / NTSC

Unit Parameters

COFDM receiver	COFDM diversity receiver 340MHz to 6GHz (in bands) Standard definition MPEG2 and MPEG4 decoding DVB-T and narrow bandwidth modes Video latency 80ms (typical)
Configuration	Windows based software used to configure pre-sets Configuration select buttons on unit
Control panel	Buttons on the HHRZ2 unit permit control of: (i) Presents. Selection indicated by 8 pre-set LEDs (ii) Rx OSD. Gives details of signal parameters (iii) LCD panel control. (Brightnes etc.) Button 1 - Config/pre-set Button 2 - RF / Menu Button 3 - Mode Button 4 - LCD menu - Button 5 - LCD menu Button 6 - LCD menu + LEDs indicate, pre-set number, RF lock state and receive signal strength, over temperature and battery levels.
User data channel	1200-115,200 Baud, RS232 signal levels

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Auxiliary video out	75 Ohm BNC video connector
Auxiliary connections	8-way 1B circular connector RS232 control, RS232 user data, stereo audio
On/ Off	Rocker switch
DC connector input voltage	12V DC
DC conector type	17W (Total - to be confirmed)
Power consumption	2-way 0B LEMO
Battery type and capacity	Inspired Energy Lithium Ion batery 14.4V 3.4Ah (4900 Wh) (ND2054HD34)
Weight	1675g (with battery) 1450g (without battery)
Size	270mm x 150mm x 70mm
Mechanical protection	The handles / grips wil protect the unit if dropped
Accessories	(i) Detachable sun hood attachment and foldable sun hood (ii) Smart batery charger and batery pack (iii) Neck strap
Tripod mount	Standard 1/4" UNC tripod mountt

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