



Videowave Covert/Survey Kit KIT1394CE & KIT2400



Features

- 1.4GHz & 2.4GHz versions available
- Licence exempt operation
- Compact & portable
- Low power 12V operation
- 4" LCD display
- Video input/power indication
- Received signal strength indication

Contents

- 1 x Flight case
- 1 x Videowave transmitter
- 1 x Videowave receiver
- 2 x ½ wave whip antenna
- 1 x Monitor
- 1 x Tripod/clamp
- 1 x 12V battery 2.1Ah
- 1 x 12V battery 4Ah
- 1 x Battery charger
- 1 x 12V power supply & mains lead
- 2 x 12V power leads
- 1 x Antenna ext. cable & mounting clip
- 1 x Video lead (BNC to phono)
- 1 x BNC elbow adapter



Brief Description

The Videowave KIT1394CE and KIT2400 are ideally suited for covert/mobile video surveillance applications and also for conducting site tests/surveys prior to installation of fixed radio links. An adjustable mounting bracket on the transmitter enables simple fixture to a wall or other surface, or freestanding use mounted to the 4Ah battery. The receiver and 4" monitor may be operated in the case, or out of the case using the adjustable mounting bracket and versatile tripod/clamp. The tripod/clamp may alternatively be used to support a video camera (not supplied). Low power 12V operation ensures versatile power options with the high capacity batteries and mains PSU supplied, and LED's for indication of power, video input, and received signal strength enable simple set up for maximum performance.

Specifications

Transmitter & Receiver

Video input:	1V p-p into 75ohm BNC
Video output:	1V p-p into 75ohm BNC
Pre-emphasis:	CCIR PAL 405-1
Operating voltage:	10V to 15V DC
Protection:	Reverse polarity
Current consumption:	
VTX1394	670mA
VRX1394	290mA
VTX2400	560mA
VRX2400	270mA
Antenna connector:	50ohm TNC
Power connector:	2.1mm jack
Indicators:	
VTX	Power & video detection
VRX	Power & received signal strength
Frequency:	1394MHz or 2400MHz to 2483.5MHz
Frequency stability:	+/-40kHz
Rf power output:	
1394MHz	500mW
2400MHz	10mW (UK spec.)
Local oscillator:	PLL synthesized
Modulation type:	FM
Modulation bandwidth:	4.5MHz
Spurious & harmonics:	
1394MHz	to MPT1349
2400MHz	to ETS300 440
Good signal threshold:	
1394MHz	-90dBm
2400MHz	-80dBm
Operating temperature:	-10 to +55deg C
Dimensions:	170 x 90 x 55mm
Weight:	560g
Enclosure:	Extruded aluminium

Monitor

Video input:	1V p-p phono
Controls:	Brightness, contrast, input 1 & 2 select
Resolution:	112,320 pixels (480 x 234)
Operating voltage:	12V DC
Current consumption:	500mA
Operating temperature:	+5 to +40deg C
Dimensions:	155 x 125 x 36mm
Weight:	400g

Radio Data Technology Limited

10-11 Taber Place Crittall Road Witham Essex CM8 3YP England
Telephone: 01376 501255 Fax: 01376 501312
International Tel: +44 1376 501255 Fax: +44 1376 501312
URL: www.radiodata.co.uk Email: sales@radiodata.co.uk

A member of the CML Microsystems group