



# Handy-view

**The Handy-view from Enterprise Control Systems Ltd. (ECS) is the latest in a range of portable monitoring terminals. The Handy-view is compatible with all ECS video link equipment providing short-term and instantaneous monitoring of Coded Orthogonal Frequency Division Multiplex (COFDM) signals.**

The Handy-view is available in both Standard Definition (SD) and High Definition (HD) versions. Both versions use an integral COFDM demodulator, down-converter, battery, speakers and display to provide high quality monitoring of video and audio transmission. The unit contains sophisticated decryption to maintain a high level of security. The Handy-view can be used in the diversity operation using two separate antennas for an 6-8 dB signal improvement with the addition of an external antenna and block down-converter.

The ECS Handy-view is available in standard frequency bands between 1.3 and 5.3 GHz. At a weight of 2.6 kg (provisional), the Handy-view is one of the lightest professional receivers on

the World market. The Handy-view is controlled by a rotary switch and on-screen graphics. The unit will automatically set the parameters for any given input signal. Decryption is based on 'Destinations' and is fully automatic with options for Substitution Cipher Encryption and Advanced Encryption Standard (AES) 256 (AES is subject to export license approval). A fully weatherproof interface panel is provided to access video and audio signals with the option of headphones. The Handy-view has a removable 6.6 Ahr battery. This battery may be charged through an external d.c. connector or removed from the Handy-view unit and charged through a separate a.c. docking station. The Handy-view is compatible with the full range of ECS COFDM transmission equipment.

## Handy-view

# specification

### Fully Integrated COFDM Receiver Monitor:

- A single Handy-view unit with connector interface panel
- Integrated sun shield
- External down-converter for optional diversity operation
- Internal battery providing approx 120 mins for fully mobile operation
- Internal digital video recorder with compact flash memory
- Available in standard frequency bands between 1.3 and 5.3 GHz
- Available with Substitution Cipher Encryption, or Advanced Encryption Standard 256-bit (AES 256) subject to export licence approval

### Demodulator & Decoder

Equipment Designations:	VLRHV-D1.4	1.35 - 1.45 GHz
	VLRHV-D1.8	1.85 - 1.95 GHz
	VLRHV-D2.3	2.30 - 2.50 GHz
	VLRHV-D3.5	3.30 - 3.60 GHz
	VLRHV-D4.5	4.40 - 5.00 GHz
	VLRHV-D5.3	5.20 - 5.40 GHz
Display:	8.5 Inch (216 mm) LCD colour monitor	
On-Screen Information:	Received Signal Strength Indicator (RSSI), Receiver Lock Status, Transmitter Status, Battery Status and GPS Information	
Power Requirements:	Internal rechargeable 6.6 Ahr Lithium ion battery with an external d.c. connector to power unit and recharge the internal battery	
Video Output:	CVBS (SD), YP <sub>B</sub> P <sub>R</sub> and HDi (HD only)	
Audio Output:	Line Level Output, Headphone Output and Integrated Stereo Speakers	
Connectors:		
Power:	Multipin circular connector	
RF Input:	SMA female	
IF Input:	SMA female	
Video:	Multipin circular connector	
Audio:	Multipin circular connector	
Data:	Multipin circular connector	
Dimensions:	265 x 213 x 66 mm (closed case)	
Weight:	2.6 kg (provisional)	

Enterprise Control Systems Ltd. has a policy of continuous development. Data contained on this sheet should be used for guidance only

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