

Ogier Electronics

Single Channel SL58-C Wireless Link

This licence exempt equipment is ideally suited for urban applications where transmission distance may be up to 1 km for the standard product. The high powered version provides a range up to 3 km for overseas applications. The equipment is easy to install with no set-up or adjustment other than selecting the operating channels. The unit incorporates a built-in signal strength meter and has user accessible rotary switches to allow a choice of 4 operating frequencies in either direction thereby maximising the probability of interference free operation.

The SL series of links transmit high quality video and data in the 5.8 GHz frequency band. They are small, lightweight and extremely cost effective. The video quality of these equipments is to broadcast levels. They are fully compatible with the ML3100 series of multichannel equipment, which allows them to be used in complete microwave CCTV networks.

Licence Exempt

Low Latency for Real Time Operation

Broadcast Quality

Multiple operating channels

Up to 1km in the UK, 3km Overseas

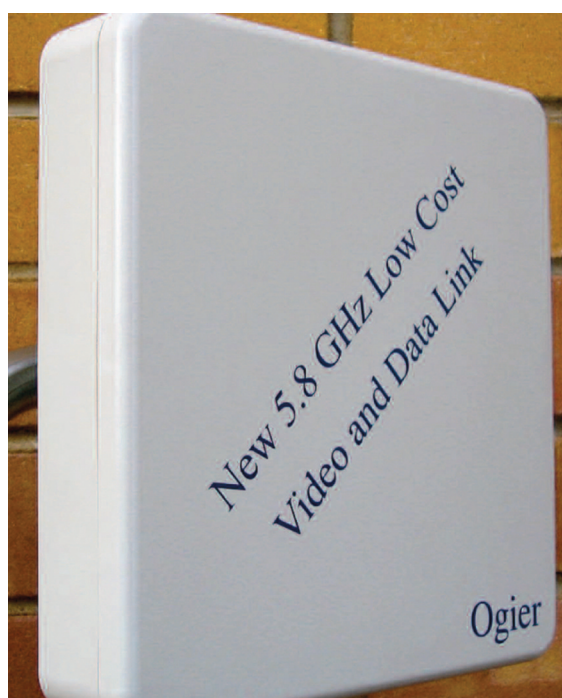
PAL or NTSC

Choice of Antennas

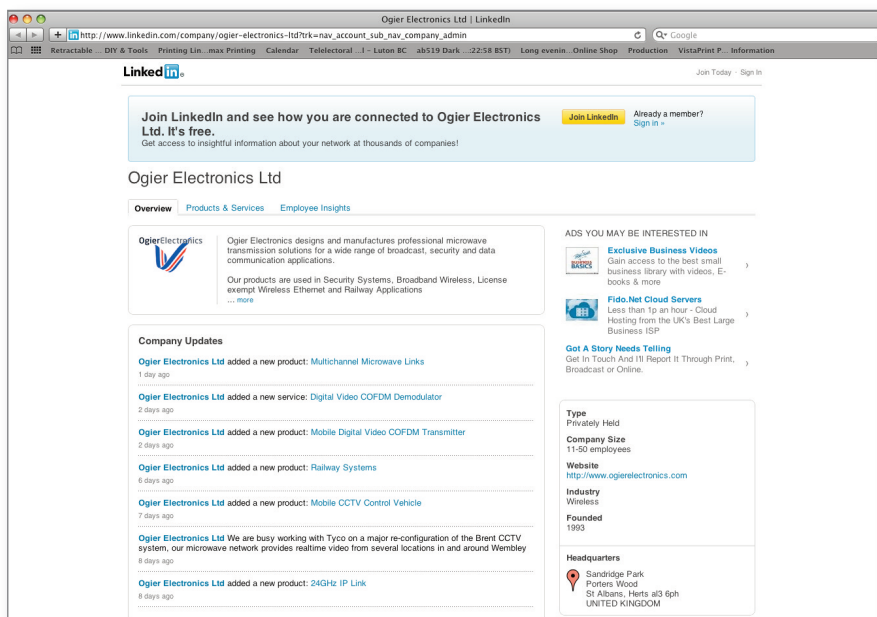
Video and Data channels

Specification

RF Frequency Band	5.675 to 5.925 GHz
RF Output Power	3dBm in UK, 16dBm overseas
Frequency Stability	Phase locked to 10ppm
Number of Video Channels	1 in one direction
Number of Data Channels	1 in both directions
Number of operating Channels	4 in each direction
Range - all weathers	SL58-C 1 km SL58-HP-C 3 km
Availability	99.95%
Antenna Type	2 printed arrays
Antenna Gain	17 dBi
Video Inputs/Outputs	PAL or NTSC
Polarisation	Linear
Signal to Noise	45 dB
Modulation	Wideband FM
Tuner Bandwidth	20MHz
Data Inputs/Outputs	RS485 or 422 up to 38.4kbps
Input Voltage	12 Volts nominal (24V optional)
Input Power	15 Watts each end
Temperature Range	-20 to +60 deg C
Wind	Up to 200 kph
Dimensions (less sun shield)	Width 22 cm, Height 22 cm, Depth 5 cm
Connections	12 Volt Power, Video, Data
Routine maintenance	None required
Weight	5 kg with swivel bracket
RF Hazard	SL58-C Safe all distances SL58-HP-C Safe all distances outside main beam. Below 0.5 mW/sq cm at radome surface.



Ways to contact Ogier Electronics



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