

Securitex Elevator wireless transceiver. Model SEWT-01 use a very high frequency (2.4 GHZ) to transmit real-time wireless video signal to a receiver. This transmitted signal can reach a maximum height of 150 metre which is equivalent to a 40 story building. With this SEWT-01 installed, elevator surveillance camera need not use any coaxial cable anymore. This not only save thousand of dollars but system can be implemented in troubled elevator within hours rather than days. Furthermore voice recording is possible.

How is the SEWT-01 installed in the elevator?

The TX-01 is install at the elevator car top. A dome colour or black & white camera is than install in the lift car ceiling facing the elevator door. The camera and the TX-01 takes it power from the 12VDC rechargeable power supply unit by plugging the power supply system to the 230VAC power socket which is available on all elevator car top.

The RX-01 is than install at the lift motor room (a suitable location need to be selected for optimum quality). The RX-01 takes it power from the 12VDC rechargeable power supply unit by plugging in the power supply system to the 230VAC power socket which is available on all elevator motor room.

A coaxial cable is than plug into the video output and the other end of the cable is plug into a monitor and recorder.

SEWT-01 specification.

Transmitter TX-01

Power input	12VDC minimum power adapter used 500mA.
Power output	12VDC maximum 300mA
Power consumption	1.5 watts
Connector	1 RCA video input, 1 RCA (L) audio input 1 RCA (R) audio input.
Frequency	ISM Band 2400Mhz ----- 2483Mhz (Audio and Video) on 4 selectable channels.
Antenna mode	Dipole (Omni-directional)
Demodulation method	FM
Frequency Generating	P.L.L
Audio response	300- 3000Hz
Video input system	EIA, CCIR, NTSC and PAL
RF Output power	Follow regulation. (IDA approval)

Receiver RX-01

Power input	12VDC minimum power adapter used 500mA.
Power consumption	3.6 watts
Connector	1 RCA video output, 1 RCA (L) audio output 1 RCA (R) audio output.
Frequency	ISM Band 2400Mhz ----- 2483Mhz (Audio and Video) on 4 selectable channels.
Noise figure	-92dbm
Antenna mode	Dipole (Omni-directional)
Demodulation method	FM
Frequency Generating	P.L.L
Audio response	300- 3000Hz
Video output	1 Vpp/75ohm composite video

