

Point View LR RF Receiver 4007-38



FEATURES

- High performance 418 MHz receiver
- Compatible with OneSix DDE Server and OPCServer
- PointView PC Software included
- Serial connection directly to a PC
- Powered by RS232 port or external source
- ASCII radio packet data output
- Decodes CRC-16 error encoded radio packets
- DB-9 connector for RS232 interface
- Up to 600 ft. range

DESCRIPTION

The Point View LR is a 418 MHz radio receiver designed to receive and decode packet data from all Point Six Transmitters. The Point View LR decodes the CRC-16 encoded packets and translates them to ASCII strings that are sent out the RS232 serial port at 19200 Baud. No hardware handshaking or command protocol is required; all data packets are decoded and transmitted serially as they are received. The Point View LR is very low power; most RS232 ports provide enough power to operate the receiver. External power input is provided for host serial ports that cannot provide the necessary current. A simple design approach results in a low cost receiver that provides error checked ASCII data for all Point Sensors.

The Point View LR is supported by the Point Six OneSix™ DDE Server Software Drivers. This makes connecting Point Six Wireless products to your PC easy.

Connector Pin Out

SIGNAL 9-Pin	CONNECTOR	RS232 DB9 Signal	DESCRIPTION FUNCTION
NC	1	NC	No connection
TXD	2	Transmit Data	output
RXD	3	Receive Data	input
DTR	4	PWRIN1	input power (optional)
RTS	7	PWRIN2	input power (optional)
GND	5	Ground	(reference)
NC	6	NC	No connection
NC	8	NC	No connection
NC	9	NC	No connection

General Specifications

PARAMETER	SYMBOL	MIN	TYP	MAX	UNITS
Supply Voltage	V_{CC}	5.0	12	16	Volts
Supply Current	I_s	18	20	25	mA
Range		-	600	-	Ft.
Baud Rate		-	19200	-	Baud

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