

RE-RE-DTX3B

DRX3B

Transmitter and receiver for digital speed dome cameras

Product description

The RE-RE-DTX3B transmitters and related DRX3B receivers are used to radio transmit the video signal of a hard-wired camera and take a digital technology that allows total immunity to interference. The input analog video signal is encoded digitally in the transmitter and sent by radio with FHSS modulation and coding encrypted to prevent unauthorized reception. In the receiver the signal is again converted into an analogue to be able to connect to a TV, monitor or video recorders.

The devices have an RS485 port via which it is possible to remotely control a Speed-Dome camera with Pelco P / D protocol.

Product Composition

The product includes:

- Transmitter (RE-DTX) to connect to the camera or receiver (RE-DRX) connectable to any TV set, DVR or analog monitor, 1A 12VDC power supply

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- Video cable to connect the monitor to the RX or TX at the camera. omnidirectional antenna.

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Identify transmitter and receiver

A complete installation for a camera requires two elements of a transmitter to be installed close to the camera and a receiver to be installed close to the DVR / Monitor. The two pieces are distinguished by the letters TX (transmitter) and RX (receiver)



The transmitter and receiver have the same connections

JACK DC - Connect the power supply

BNC - Connect video cable

YELLOW - RS485 Terminal A

WHITE - Terminal B RS485

Installation and wiring.

- Connect the transmitter unit to the camera (video BNC and RS485 serial line A / B)
- Connect the receiver to the monitor or DVR (BNC video and serial RS485 A / B).
- Connect the power supplies to both units Screw the antenna to the SMA connector
- screw. The antenna type is omnidirectional and does not require to be oriented.

First Turn

Once connected to the camera equipment and DVR / Monitor, connect the power supply provided in supplied to the jack 12VDC present on both the transmitter and the receiver. E 'advisable to perform the first ignition with transmitter and receiver places a few meters away in order to verify the proper coupling. Transmitter and receiver are supplied already paired factory so there is no need any operation because they connect with each other.

The transmission range

DTX3B-RE, RE-DRX3B allow a flow rate in free air of about 150 m. The flow value is given in free air, since the presence of obstacles, such as walls or other reduces the flow rate drastically, but in highly variable manner.

E 'can use directional antennas in replacement of standard antennas, to increase to about twice the flow rate of the system.

Speed Dome Control

With these devices it is possible to remotely control any Speed-Dome camera using the protocols **PELCO P** or **PELCO D**.

The recognition of the protocol is done automatically ways.

The protocol speeds manageable with these devices is only **2400 bps** and it can not be changed. It is therefore necessary to set both the camera and the control member on this transmission speed. It should be noted that the accuracy of response of the camera commands given is not comparable with a hard-wired.

Tips

- Locate the transmitter and receiver in a position as detected possible.
- Position the camera so that the imaginary line joining the two antennas there are less obstacles as possible.

In particular, try to avoid the presence of obstacles very close to the transmitter.

- Avoid the interposition of metal obstacles (eg. Metal gates etc.) as highly shielding.

Technical features



http://www.dseitalia.it/dati_trasmittitori.htm

