

## **APPENDIX K:     MANUAL**

Please see the following pages.

# USER'S MANUAL

iBEAM Transmitter Module

Model Number: 1WTX-2470

FCC ID NUMBER: ROE1WTX-2470

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## **Description and Application**

The *iBEAM* transmitter module (Model 1WTX-2470) is a long range video transmitter intended for business and industrial use. The 1WTX-2470 accepts input from an NTSC video source.

The 1WTX-2470 is supplied with the following:

- (1) *iBEAM* transmitter module
- (1) 12 volt DC battery pack
- (1) charging dock
- (1) video camera
- (2) RCA video cables
- (1) Receiver
- (1) Directional antenna
- (1) 12 volt DC 500mA power supply

The 1WTX-2470 is ideal for

- Residential construction
- Commercial construction
- Manufacturing
- Security

## **Deployment of the System**

The system is shipped with power and video cables attached and is ready to use.

1. Turn the camera power switch to CAMERA.
2. Turn the transmitter power switch on.
3. For best range, direct the antenna in the general direction of your receiver.
4. Charge the transmitter and camera batteries after use.

## **Viewing the Video**

1. Connect the receiver to the provided 12 volt DC power supply.
2. Orient the antenna towards the transmitter.
3. From the Video Out on the receiver, connect the RCA cable to any video input for recording or viewing.

## **Notices**

This equipment may only be operated under a Part 90 station license issued by the FCC for Business, Industrial or Public Safety purposes. The user is responsible for operating this equipment in compliance with FCC Rules. Operation of this equipment without a valid FCC License could result in the issuance of fines to the user or seizure of the equipment.

This equipment is only for use with a standard NTSC audio/video signal with pre-emphasis. Use with any other signal will void the transmitter's FCC compliance and it will be unlawful to operate the equipment in the United States.

This device is certified as a mobile device and is to be used in mobile applications only. A mobile device is defined as a transmitting device designed to be used in other than fixed locations and to be generally used in such a way that a separation distance of at least 20 cm is maintained between the transmitter's radiating structures and the body of the user and nearby persons. All users of this device must maintain a minimum distance of 20 cm between the antenna and the body of the user. Additionally, the user must maintain a minimum distance of 20 cm between the antenna and nearby persons. This device is not authorized for use in body worn configurations.

Any changes or modification to this equipment without the express authorization of the manufacturer could void the user's authority to operate this equipment.

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