



VTX400D

AHD Wireless Transmitter and Receiver
1080P / 720P / CVBS Camera Compatible TX

USER MANUAL






Please read the instructional complete before use and keep it for future reference.

Product Features

- 2.4GHz Wireless Transmitter and Receiver Module
- Turns any camera and 1080P AHD monitor into a wireless system
- Transmitter support all AHD/CVI/TVI/CVBS cameras at 1080P/720P/D1/CIF resolutions and NTSC/PAL compatible
- Receiver support 1080P AHD monitor
- Sturdy design for commercial vehicle applications. IP68 Rated
- Reliable wireless operational range up to 1640ft
- Easy one button pairing
- Aluminum alloy housing

Contents

		
TX Module + Antenna	RX Module + Antenna	Power Chords

Before Installation

- Please check contents.
- Perform bench test. Ensure the product is working before installation by connecting a camera + TX and a monitor + RX to 12VDC.
- Perform pre-install test, before mounting the monitor and the camera. In very rare instances, a running engine causes interference, resulting in image freezing and jerky object movements. In such situation, the monitor and the camera need to be moved and positioned at various places to determine the best performance position.

Operation

VTX400D is a plug-n-play solution. No settings required.


Pairing:

If you see, “LOST LINK”, the TX and RX modules need to be paired to restore the link. The TX and RX are paired from the factory and the system should work when power is connected to TX and RX.



IF “LOST LINK” is displayed on the monitor,

1. Check if power is connected to TX module. If power is connected to TX, a red light should be on.
2. If the red light is on, need to power.
3. Pairing:

Press  buttons on both modules until red lights are flashing on both modules.

When connection is made, green lights come on the modules and the camera will be displayed on the module.

TX, RX and Wireless Specifications

	TX	RX
Video Compatibility	AHD/TVI/CVI/CVBS 1080P/720P/D1/CIF NTSC/PAL	1080P AHD
Video Connector	RCA (F)	RCA (F)
Operating Voltage	DC12V ~ DC24V	
Current Consumption	140mA (Typical) @ 12V	
Storage temperature	-30°C ~ 80°C	
Working temperature	-20°C ~ 70°C	
Operating Humidity	85% RH	

Wireless Specification	
Operating frequency	2.4GHz~2.4835GHz
Output Power	24±1dBm Max. Power Setting
Modulation Type	16QAM/QPSK/BPSK
RX Sensitivity	78dBm(Typ.)@12MHz,16QAM BER<1E-3 86dBm(Typ.)@12MHz QPSK BER<1E-3
RF Bit Rate	4MHz BER<1E-3
Spread Spectrum	FHSS (Adaptive frequency hopping)
Operating Distance	Up To 1650ft (Open Line of Sight)

WARRANTY INFORMATION

This one-year limited warranty is given to the end-user or the retail purchaser (referred to this warranty as “Original Purchaser”) that it will be free from defects in material and workmanship for a period of one year from the date of the purchase of the new product (excluding accessory items such as power cords, cradle, memory card, adaptor, and cables).

This limited warranty does not cover any physical damage to, or misuse of, this product, damage caused by improper installation; improper use; misuse; neglect; repair of cracked, scratched, broken or modified cosmetics; or parts that have been altered or removed; damages done by another device used with this product resulting from use of non BOYO®-brand parts. This warranty is VOID if you purchased this product as used, floor model sample, or refurbished; if the product has been altered or modified in any way (including but not limited to attempted repair without authorization from BOYO®- Vision Tech America, Inc. and/or alteration/removal of the serial number).

For warranty information:

<https://www.visiontechamerica.com/get-warranty>

For technical support:

Call: (888) 941-3060

Email: info@visiontechamerica.com

Visit: www.VisionTechAmerica.com