Quad Digital Wireless Transmitter module (Model No. BW1101)

User Guide

V.1

111228

Thank you for purchasing our Quad Digital Wireless Transmitter module.
Please read this manual before installation.
For customer support, please contact your dealer, and keep your Invoice for further support.

Do not open/modify the device, as it may cause damage to the unit and void the Warranty. For internal repairs, consult your dealer or an Authorized Service Center.

Do not use any accessories other than what comes with the unit otherwise, it would void the warranty.

Protect from humidity. Do not put it in water and be careful to protect it from rain, sea water, or high humidity environment etc.

Protect from high temperatures
To avoid damage or mis-operation of the device, only use it in the temperature between 0 ~ +40°C.

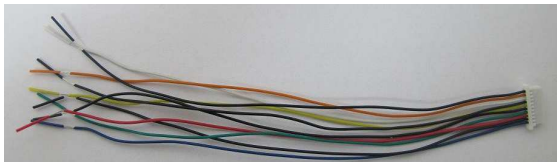
Do not bring the device suddenly from a hot to a cold place, or vice versa. This may cause damaged to the inside of the unit by creating condensation.

EU Environmental Protection

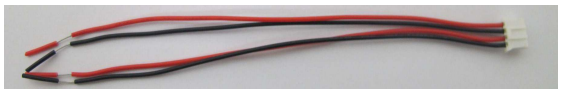
The symbol of crossed-out garbage shows that this product should not be treated as household waste, and it falls into the category of ***electric /electronic*** equipment for recycling. This electronic device should not be disposed in a regular trash. We strongly advice you to contact related authorization before you dispose this product.

Package contains

Transmitter module x1
AV in Cable (10 pin, freewire) x 1
Power in/out Cable (4 pin, freewire) x 1

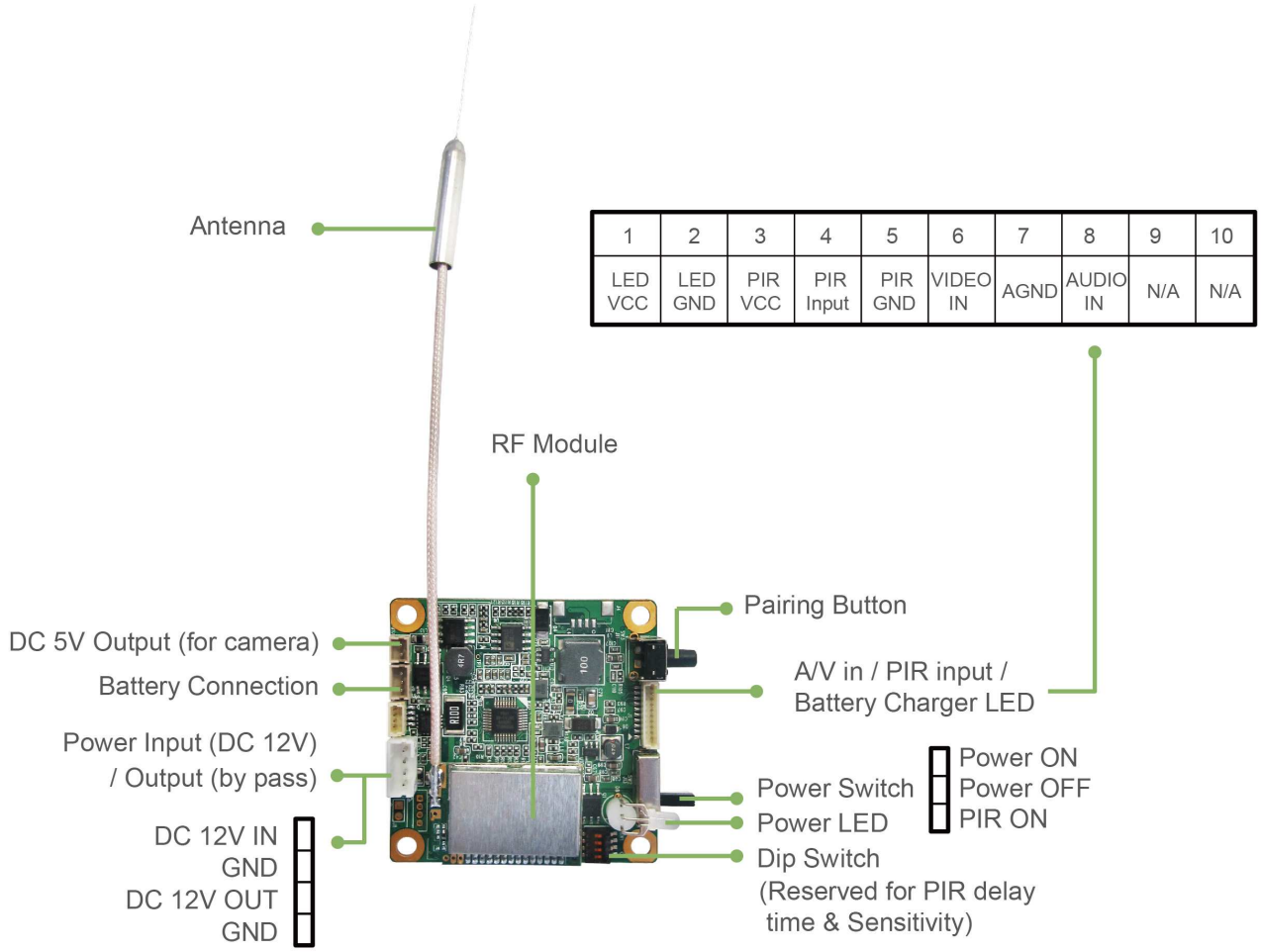


AV in Cable (10 pin)



Power in/out Cable (4 pin)

User's Interfaces



Get unit work quickly

1. Connect power to #BW1101, and turn the Power Switch to "Power On" position; Power LED (red) will be on.
2. Connect A/V in Cable to camera

3. Pair #BW1101 with any of the below suitable Digital Wireless Receivers.

#CW1104-

Quad Digital Wireless DVR

#CW1106-

Quad 7" LCD Digital Wireless DVR

4. How to Pair: Select a channel at Receiver, and long press the pairing button on the Receiver till the Channel LED (blue) is flashing, then press the pairing button on the transmitter module to enter pairing process, after pairing is completed and successful, the Channel LED on Receiver will be flashing rapidly.

   * During pairing, the transmitter link LED will be flashing interactively (Red and Yellow) for data transmission; and please put transmitter and receiver as close as possible to prevent failure due to other interference.

Technical Specification

Item	Spec
Frequency	2400 – 2483.5MHz
Output Power	0 dBm(TYP) @ Max power setting
Rx sensitivity (BER<=1E-3)	-90dBm(TYP) @1M mode -85dBm(TYP) @3M mode
Modulation	GFSK
Hard interface	14pin header(1.27mm)
Dimension	W/L/H , 19mm/27mm/7.3mm
Supply voltage	3.3Vdc
Current consumption	150mA(TYP) @ Tx power = 18.5dBm 35mA(TYP) @ Rx mode
Operating temperature	0~50degree

Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

• Reorient or relocate the receiving antenna.

• Increase the separation between the equipment and receiver.

• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

• Consult the dealer or an experienced radio/TV technician for help.

FCC Caution:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Non-modification Statement:

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Validity of using the module certification:

In the event that these conditions cannot be met (for example certain laptop configurations or co-location with another transmitter), then the FCC authorization for this module in combination with the host equipment is no longer considered valid and the FCC ID of the module cannot be used on the final product. In these circumstances, the OEM integrator will be responsible for re-evaluating the end product (including the transmitter) and obtaining a separate FCC authorization.

Custom design antennas may be used, however the OEM installer must following the FCC 15.21 requirements and verify if new FCC approval will be necessary.