



5.8GHz All Weather 8 Channel Series

OWNER'S MANUAL

VideoComm Technologies – “The Freedom of Wireless”
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Video & Audio Connections – Receiver or Transmitter

1 Loosen the desired cable gland using a Metric 22mm wrench.
(Closest Imperial Size – 7/8")

2 Feed the video and audio cable through the cable gland hole.

VideoComm Technologies recommends the use of RG-59 or higher grade coaxial cable for video and audio.

Do not use video / audio cable that is less than 1/4 inch in diameter, as this may not allow a proper seal when the cable gland is tightened. If a tight seal is not made between the cable gland and the video cable, there is a chance of water leaking into the enclosure, causing serious damage.

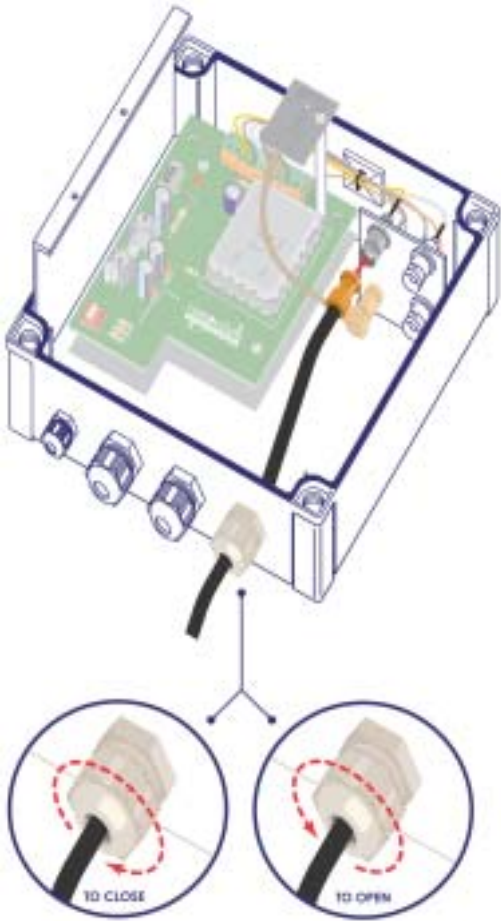
The maximum diameter of cable that should be used in the cable gland is 1/2 an inch diameter.

IMPORTANT!!! Attach BNC - male connectors to the video and audio cables *after* the raw cable has been fed through the cable gland. The BNC (M) connectors are too large to fit through the cable gland hole. Be careful not to damage the rubber seal inside the cable gland as you feed through your video cable.

3 Attach BNC (M) connectors to the video and audio cables.

After the BNC (M) connectors have been attached to the wire make terminations to video and audio bulkhead BNC (F) connectors for the device.

WARNING!!! If you do not tighten the cable gland, you do not have a watertight seal.



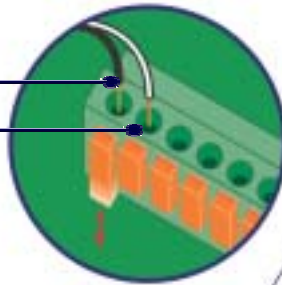


4 Using the three dipswitches select the desired channel frequency. Be sure to set the transmitter and receiver on the same channel.

Please see dipswitch channel settings attached.

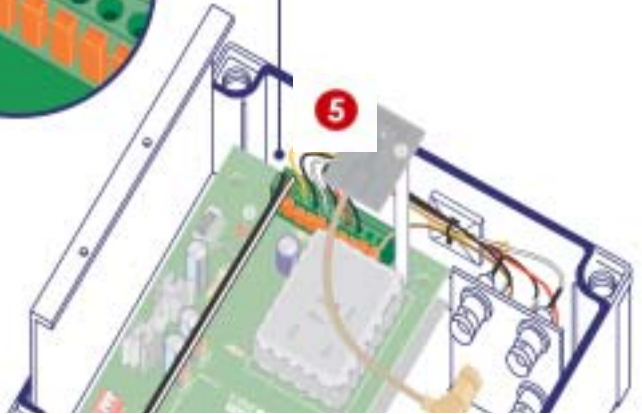
POSITIVE (+) 9 – 14VDC INPUT

NEGATIVE (-) 9 – 14VDC INPUT



5 Inside the enclosure you will find a green terminal strip with orange terminal lock tabs.

Push down the orange lock tabs to open the terminal input. Insert negative (-) and positive (+) wire leads as illustrated. Release the orange terminal lock tab. Ensure the wire is locked tight into the terminal to avoid an electrical short.



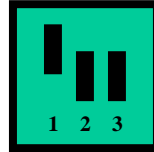
6 Power the transmitter and receiver to **ON** by sliding the ON / OFF switch to the down position.

LED light will indicate power

5.8GHz 8 Channel Pin Settings



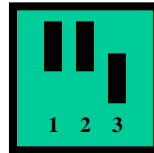
Channel # 1
Pin # 1, 2, 3 Down



Channel # 2
Pin # 1 Up
Pin # 2, 3 Down



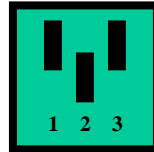
Channel # 3
Pin # 2 Up
Pin # 1, 3 Down



Channel # 4
Pin # 1, 2 Up
Pin # 3 Down



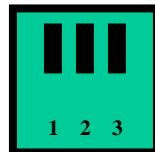
Channel # 5
Pin # 3 Up
Pin # 1, 2 Down



Channel # 6
Pin # 1, 3 Up
Pin # 2 Down



Channel # 7
Pin # 2, 3 Up
Pin # 1 Down



Channel # 8
Pin # 1, 2, 3 Up

VideoComm Technologies
TCO-5808 All Weather 8-Channel Series

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- I. THIS DEVICE COMPLIES WITH FCC RULES PART 15. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITONS:**
1. This device may not cause harmful interference, and
 2. This device must accept any interference received, including that causing undesired operation.
- II. In order to comply with the FCC/IC adopted RF exposure requirements, this transmission system will be installed by an authorized professional installer of VideoComm Technologies.**
- III. This is NOT an intrinsically safe device. Do not take into area where intrinsic safety is required. Bodily harm may result if warning is ignored.**
- IV. DO NOT OPERATE TRANSMITTER WITHOUT ANTENNA CONNECTED TO ANTENNA PORT. Failure to do so will result in damage to the unit and void the warranty.**
- V. DO NOT OPERATE THE TCO-5800 SYSTEM WHEN the Transmitter & Receiver are closer than ten feet to each other. The devices may not work properly and permanent damage can occur.**

The term "IC:" before the radio certification number only signifies that Industry Canada Technical specifications were met.

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.