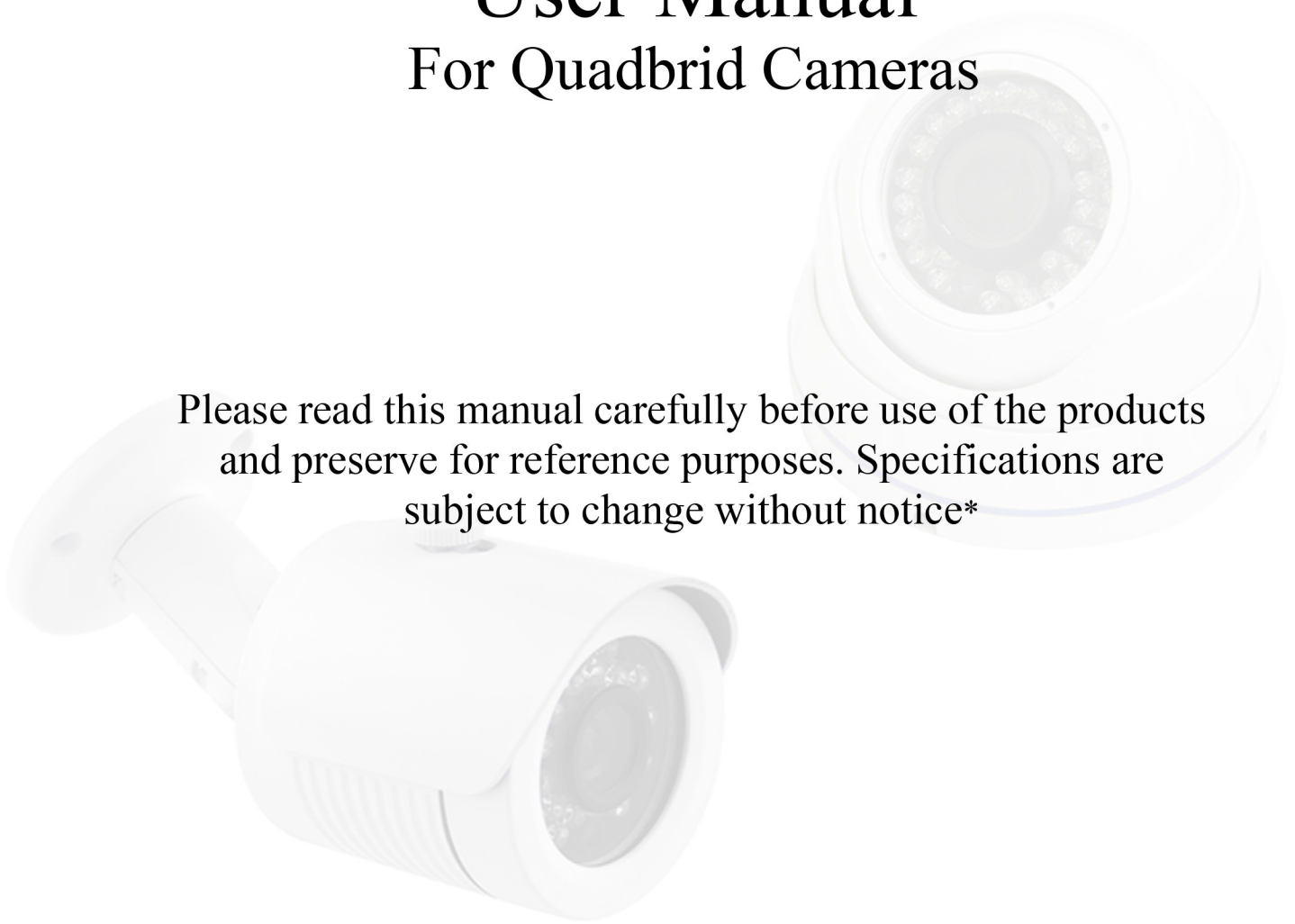


HD-TVI/CVI/AHD/ANALOG

User Manual

For Quadbrid Cameras

Please read this manual carefully before use of the products and preserve for reference purposes. Specifications are subject to change without notice*



Notes on Safety

- Please use the specified power supply to connect.
- Do not attempt to disassemble the camera; in order to prevent electric shock, do not remove screws or covers.
- There are no user-serviceable parts inside. Please contact the nearest service center as soon as possible if there is any failure.
- Avoid from incorrect operation, shock vibration, heavy pressing which can cause damage to product.
- Do not use corrosive detergent to clean main body of the camera. If necessary, please use soft dry cloth to wipe dirt; for hard contamination, use neutral detergent. Any cleanser for high grade furniture is applicable.
- Avoid aiming the camera directly towards extremely bright objects, such as sun, as this may damage the image sensor.
- Please follow the instructions to install the camera. Do not reverse the camera or the reversing image will be received.
- Do not operate it incase temperature, humidity and power supply are beyond the limited stipulations.
- Keep away from heat sources such as radiators, heat registers, stove, etc.
- Do not expose the product to the direct airflow from an air conditioner.
- This is product instructions, not quality warranty. We may reserve the rights of amending the typographical errors, inconsistencies with the latest version, software upgrades and product improvements, interpretation, and modification. These changes will be published in the latest version without special notification.
- When this product is in use, the relevant contents of Microsoft, Apple and Google will be involved in. The pictures and screenshots in this manual are only used to explain the usage of our product. The ownerships of trademarks, logos and other intellectual properties related to Microsoft, Apple and Google belong to the above-mentioned companies.
- This manual is suitable for IR waterproof network camera. All pictures and examples used in the manual are for reference only.

Main Features

Auto Gain Control(AGC)

Built-in auto gain control circuit. The color camera can get high definition picture in low Lux condition

Auto Electronic shutter

Built-in auto electronic shutter function. The color camera's AES speed can reach 1/100,000

Gama Characteristic

Camera gama characteristic is 0.45

Scanning Mode

NTSC or PAL mode

Switch the output signal by OSD button

Press "left" key for 5 seconds then release : CVBS

Press "right" key for 5 seconds then release : TVI

Press "up" key for 5 seconds then release : AHD

Press "down" key after 5 seconds then release : CVI

Common Problems

Nothing happened after I provided power

If your camera is not powering on, or no picture is coming up, check that all cables are plugged in firmly and that all power voltage requirements are being met.

Picture has flowing lines or interference ripples

Interference may be caused by power voltage issues or unsecure cords, please make sure your power source meets the camera requirements.

Picture background color changes continuously

Flourescent lamps can cause color roll, to improve this issue reduce number of flourescent lamps or increase distance between cameras and lamps.

HDOD-TP2IRVW

1080p 2MP HD CVI/TVI/AHD/CCTV IR Dome with 2.8-12mm Lens

- 2MP/1080p Resolution
- 2.8-12mm Manual Zoom Lens
- Supports CVI, TVI, AHD and CVBS



Megapixels:	2MP
Max Resolution:	1080p
Image Resolutions:	2MP (1920x1080) / 1.3M (1280x960) / 720P (1280x720) / D1 (704x576/704x480)
Image Sensor:	1/2.9 inch SONY 2.4MP CMOS Sensor
Min Illumination:	0.001 Lux/F1.2
LEDs:	N/A
IR Distance:	50 feet
OSD:	N/A
Operating Temperature	+14°F to +122°F
Dimension:	6in x 6in x 5in
Power:	DC12V (+/-10%)/700mA

HDOB-TP2IRVW

1080p 2MP HD CVI/TVI/AHD/CCTV IR Bullet Camera w/ 2.8-12mm

- 2MP/1080p Resolution
- 2.8-12mm Manual Zoom Lens
- 100 foot IR
- Supports CVI, TVI, AHD and CVBS



Megapixels:	2MP
Max Resolution:	1080p
Image Resolutions:	2MP (1920x1080) / 1.3M (1280x960) / 720P (1280x720) / D1 (704x576/704x480)
Image Sensor:	1/2.9 inch SONY 2.4MP CMOS Sensor
Min Illumination:	0.001 Lux/F1.2
LEDs:	42
IR Distance:	100 feet
OSD:	N/A
Operating Temperature	+14°F to +122°F
Dimension:	12in x 5in x 7in
Power:	DC12V (+/-10%)/700mA

HDOD-TP2IRW

1080p 2MP HD CVI/TVI/AHD/CCTV IR Dome

- Supports CVI, TVI, Analog & AHD
- 3.6mm Fixed lens
- 2MP resolution
- 50 foot IR



Megapixels:	2MP
Max Resolution:	1080p
Image Resolutions:	2MP (1920x1080) / 1.3M (1280x960) / 720P (1280x720) / D1 (704x576/704x480)
Image Sensor:	1/2.9 inch SONY 2.4MP CMOS Sensor
Min Illumination:	0.001 Lux/F1.2
LEDs:	24
IR Distance:	50 feet
OSD:	N/A
Operating Temperature	+14°F to +122°F
Dimension:	5in x 5in x 4in
Power:	DC12V (+/-10%)/500mA

HDOB-TP2IRW

1080p 2MP HD CVI/TVI/AHD/CCTV IR Bullet Camera w/ 3.6mm

- 2MP/1080p Resolution
- 3.6 Fixed Lens
- 100 foot IR
- Supports CVI, TVI, AHD and CVBS



Megapixels:	2MP
Max Resolution:	1080p
Image Resolutions:	2MP (1920x1080) / 1.3M (1280x960) / 720P (1280x720) / D1 (704x576/704x480)
Image Sensor:	1/2.9 inch SONY 2.4MP CMOS Sensor
Min Illumination:	0.001 Lux/F1.2
LEDs:	18
IR Distance:	50 feet
OSD:	N/A
Operating Temperature	+14°F to +122°F
Dimension:	8in x 4in x 5in
Power:	DC12V (+/-10%)/500mA

HDOD-TP1IRE

1MP 720p HD-CVI/TVI/AHD/Analog IR Dome Camera

- HD-CVI,TVI,AHD,Analog
- 1MP/720p and 960H
- 66 feet IR (infrared)
- 3.6mm Fixed Lens



Megapixels:	1
Max Resolution:	720p
Image Resolutions:	720P (1280x720) / D1 (704x576/704x480)
Image Sensor:	OV9732
Min Illumination:	Under 10 Lux by CDS
LEDs:	18
IR Distance:	65 feet
OSD:	Yes
Operating Temperature	+14°F to +122°F
Dimension:	3.72in x 3.72in x 2.88in
Power:	DC12V±10%, 500mA

HDOB-TP1IRE

1MP 720p HD-CVI/TVI/AHD/Analog IR Bullet Camera

- HD-CVI,TVI,AHD,Analog
- 1MP/720p and 960H
- 65 feet IR (infrared)
- 3.6mm Fixed Lens



Megapixels:	1
Max Resolution:	720p
Image Resolutions:	720P (1280x720)
Image Sensor:	OV9732
Min Illumination:	Under 10 Lux by CDS
LEDs:	18
IR Distance:	65 feet
OSD:	Yes
Operating Temperature	+14°F to +122°F
Dimension:	5.95in x 2.58in x 2.52in
Power:	DC12V±10%, 500mA

HDOD-TP2IRZW

2MP Motorized Zoom HD-CVI/TVI/AHD/CCTV Dome Camera

- QUAD technology HD-CVI,HD-TVI, Analog, AHD
- Motorized 2.8-12mm Zoom Lens
- 2MP/1080p/960H Resolution
- 98 feet IR (infrared)



Megapixels:	2MP
Max Resolution:	1080p
Image Resolutions:	2MP (1920x1080) / 1.3M (1280x960) / 720P (1280x720) / D1 (704x576/704x480)
Image Sensor:	IMX290 SONY Image Sensor
Min Illumination:	Under 10 Lux by CDS
LEDs:	24
IR Distance:	98 feet
OSD:	Yes
Operating Temperature	+14°F to +122°F, RH95% Max
Dimension:	5.32in x 4.92in x 4.17in
Power:	DC12V±10%, 700mA

HDOB-TP2IRZW

2MP Motorized Zoom HD-CVI/TVI/AHD/CCTV Bullet Camera

- QUAD technology HD-CVI,HD-TVI, Analog, AHD
- Motorized 2.8-12mm Zoom Lens
- 2MP/1080p/960H Resolution
- 131 feet IR (infrared)



Megapixels:	2MP
Max Resolution:	1080p
Image Resolutions:	2MP (1920x1080) / 1.3M (1280x960) / 720P (1280x720) / D1 (704x576/704x480)
Image Sensor:	IMX290 SONY Image Sensor
Min Illumination:	Under 10 Lux by CDS
LEDs:	30
IR Distance:	131 feet
OSD:	Yes
Operating Temperature	+14°F to +122°F, RH95% Max
Dimension:	9.84in x 3.54in x 3.54in
Power:	DC12V±10%, 700mA

HDVD-TP2IR28

2MP HD-TVI/CVI/AHD/Analog IR Mini Vandal Dome

- Works with HD-CVI, TVI, AHD, Analog
- 2.8mm Fixed Lens
- 66 feet IR (infrared)
- IP66 Weather Rating



Megapixels:	2MP
Max Resolution:	1080p
Image Resolutions:	2MP (1920x1080) / 1.3M (1280x960) / 720P (1280x720) / D1 (704x576/704x480)
Image Sensor:	1/3 in Panasonic 2.4MP CMOS Sensor
Min Illumination:	0.01Lux/F1.2
LEDs:	12
IR Distance:	65 feet
OSD:	Yes
Operating Temperature	+14°F to +122°F
Dimension:	3.76in x 3.76in x 2.44in
Power:	DC12V (+/-10%) / 400mA