INSTRUCTION
MANUAL

4K TVI IR Series

HTD8TG
(Dome Camera)
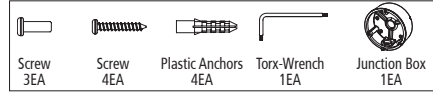HTB8TG
(Bullet Camera)

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Speco Technologies is constantly developing product improvements.
We reserve the right to modify product design and specifications without notice and without incurring any obligation.

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LIMITED WARRANTY - VIDEO PRODUCTS

Features

- 8Mega Pixel
- HD-ANALOG (TVI)
- D-WDR
- 2.8mm Fixed Lens
- 6 High Power IR LED / 66ft (HTD8TG)
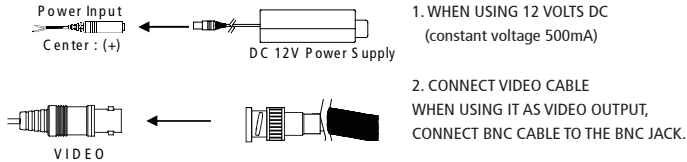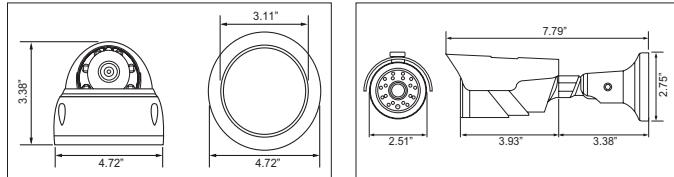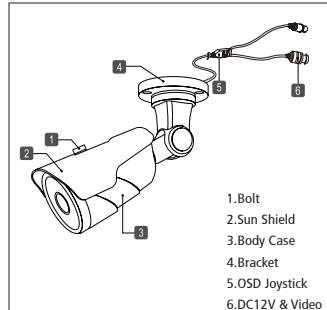- 18 SMD IR LED / 66ft (HTB8TG)
- DC12V

Package

- HTD8TG

| Screw 3EA | Screw 4EA | Plastic Anchors 4EA | Torx-Wrench 1EA | Junction Box 1EA |

- HTB8TG

| Screw 3EA | Screw 4EA | Plastic Anchors 4EA | L-Wrench 1EA | Junction Box 1EA |

Cable Connection

Power Input
Center : (+)

DC 12V Power Supply

1. WHEN USING 12 VOLTS DC
   (constant voltage 500mA)

2. CONNECT VIDEO CABLE
WHEN USING IT AS VIDEO OUTPUT,
CONNECT BNC CABLE TO THE BNC JACK.

VIDEO

Dimension

3.11"
3.38"
4.72"
4.72"

7.79"
2.75"
2.51"
3.93"
3.38"

Install

1. Base Housing
2. Camera
3. Dome cover
4. Screws for fixing
5. OSD Joystick
6. DC12V & Video

1. Bolt
2. Sun Shield
3. Body Case
4. Bracket
5. OSD Joystick
6. DC12V & Video

Specifications

Video	
ImageSensor	1/2.0" 8Mega Pixel C-Mos Sensor
Resolution	3,840 x 2,160 (8MP)
Scanning System	Progressive Scan
Total Pixels	3,864 (H) x 2,176 (V)
Video Output	TVI
TVSystem	NTSC
Min. Illumination	0.1 Lux
S/NRatio	52dB (AGC off)
Frame Rate	15fps // 8MP
Operational	
DAY & NIGHT	IR Cut Filter // Auto, Color, B/W, EXT
Brightness	1 ~ 100
Shutter	AUTO / FLK
Sens UP	-
AGC(Gain Control)	0~15
WDR	D-WDR / OFF / AUTO
AWB	ATW / AWC
DNR	2D-DNR / 3D-DNR (LOW / MIDDLE / HIGH)
Color Gain	BLUE GAIN / RED GAIN(1~10)
Mirror	OFF / MIRROR
FLIP	-
Language	ENG/JPN/RUS/SPA/FRE/CHI/ITA/PORT
Defog	-
Motion	ON/ OFF
Privacy	-
IR Distance	6pcs Super LED's(66ft) / 18pcs SMD LED's(66ft)
Remote Control interface	UTC
Lens	
Focal Length	2.8mm
Max. Apeture Ratio	F=1.6
Focal Control	Manual
Lens Type	Fixed
Environmental	
Operation Temperature	14˚ F ~ 122˚F
Ingress Protection	IP 66
Electrical	
Input Voltage // Current	12V DC +10%
Power Consumption	Max. 5W
Weight	0.7lbs

ADJUST / NR

```
                    NR

    1 . 2DNR            LOW
    2 . 3DNR            HIGH
    3 . RETURN          RET ↵
```

ADJUST / LANGUAGE   Support 13 language

```
                  LANGUAGE

    1 . NR                      ↵
    2 . SHARPNESS               LOW
    3 . COLOR GAIN              ↵
    4 . LSC                     OFF
    5 . MIRROR                  OFF
    6 . DPC                     ↵
    7 . LANGUAGE                ENG
    8 . OUTPUT MODE             ↵
    9 . RETURN                  RET ↵
```

OUTPUT MODE / FORMAT   THD / AHD / CHD / CVBS

```
                 OUTPUT MODE

    1 . FORMAT              THD
    2 . RESOLUTION          8MEGA
    3 . FRAMERATE           NRT
    4 . VIDEO OUT           NTSC
    5 . APPLY SET           ↵
    6 . RETURN              RET ↵
```

OSD Menu

You may select the OSD menu items to adjust by using OSD buttons for your desire. To use OSD menu, press SET button and SET UP will appear as shown on the screen.

OSD MENU

```
                  MAIN MENU

    1 . LENS                MANUAL
    2 . EXPOSURE            ↵
    3 . WHITE BAL           ATW
    4 . DAY & NIGHT         EXT ↵
    5 . ADJUST              ↵
    6 . EXIT                SAVE & END ↵
```

MAIN MENU / EXPOSURE

```
                  EXPOSURE

    1 . SHUTTER             AUTO
    2 . AGC            ▮▮▮▮▮▮▮|▮ 12
    3 . BRIGHTNESS     ▮▮▮▮▮▮▮▮| 30
    4 . D-WDR              OFF
    5 . BACKLIGHT          OFF
    6 . RETURN             RET ↵
```

MAIN MENU / ADJUST

```
                  ADJUST

    1 . NR                  ↵
    2 . SHARPNESS           LOW
    3 . COLOR GAIN          ↵
    4 . LSC                 OFF
    5 . MIRROR              OFF
    6 . DPC                 ↵
    7 . LANGUAGE            ENG
    8 . OUTPUT MODE         ↵
    9 . RETURN              RET ↵
```

ADJUST / COLOR GAIN

```
                  COLOR GAIN

    1 . BLUE GAIN      ▮▮▮▮|▮▮▮▮ 3
    2 . RED GAIN       ▮▮▮▮|▮▮▮▮ 3
    3 . RETURN             RET ↵
```

ADJUST / OUTPUT MODE

```
                 OUTPUT MODE

    1 . FORMAT              THD
    2 . RESOLUTION          8MEGA
    3 . FRAMERATE           NRT
    4 . VIDEO OUT           NTSC
    5 . APPLY SET           ↵
    6 . RETURN              RET ↵
```