



Vehicle Camera Monitor System



GUANGZHOU BESYO AUTO PARTS CO., LTD

2024/2025

Guangzhou Besyo Auto Parts Co.,. Ltd is specialized in the development, production, sales and service of camera and monitor systems for agricultural machinery, heavy vehicles, and forklift etc with over 10 years of experience.

Besyo relying on advanced technology, R&D ability, high-grade materials, with strict ISO management system, our products passed many strict tests and certificates, and selling well in all over the world.

The certificates include CE, EMC, Rohs, E9, IP69K, Patents.



We do our best to provide safety series products of reliable quality and highly competitive price to our customers, to realise win-win cooperation .



E9 rearview monitor system



E9 camera



CE monitor camera system



CE wireless camera system



Rohs wireless camera system



E9 wireless camera system



IP69K camera



ISO9001:2015

24G radar camera and monitor system

NEW



7" AHD monitor:

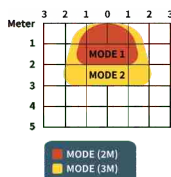
- Aspect ratio: 16:9 image
- Resolution: 1024 (H) × 600 (V)
- Power supply: DC12/24V
- 2/3/4 videos, 1 audio
- SD card: Max. 256G

Radar camera:

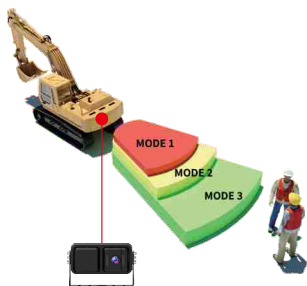
- Operating frequency: 24.00GHz
- Transmission wave type: FMCW
- Detection distance: length 0.3-10m
- Detection area visualization: yellow, red
- Antenna beam Angle: horizontal $\pm 60^\circ$, pitch $\pm 50^\circ$

AHD

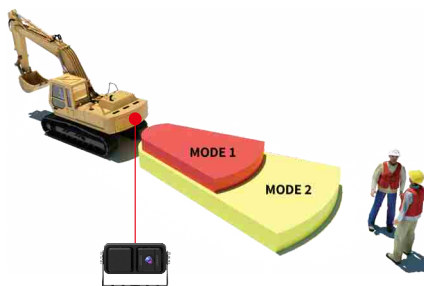
720P/1080P



BY-08477MS (AHD)



BY-02015



BY-02015



77G millimeter wave and camera monitor system

NEW



7" AHD monitor:

- Aspect ratio: 16:9 image
- Resolution: 1024 (H) × 600 (V)
- Power supply: DC12/24V
- 2 videos, 1 audio
- System: PAL & NTSC auto-switching

AHD720P camera:

- Resolution: 720P
- View angle: 120°
- Power supply: DC12V
- Waterproof feature: IP69K
- Night vision distance: 15m

AHD

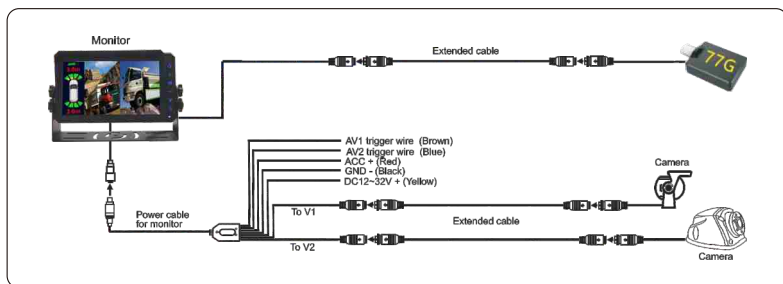
720P/1080P



BY-08027MQS (AHD)

Feature:

- Digital radar is built into the monitor
- The parking alarm distance can be set at 0.5-1 meters
- 13 models available
- Special high sensitivity digital radar, anti-interference, low false alarm rate
- Detection distance: 0.3~40 m
- Detection Angle: about 120°
- External mounting, do not need to open holes
- Anti-interference housing design
- Radar detection may reduce the sensitivity and accuracy of the radar according to different environments and surface cleanliness, and the detection function only AIDS safe driving



Millimeter microwave radar camera

NEW



Millimeter Microwave Radar Camera

- The millimeter microwave radar camera has a horizontal angle of 180 and a warning level distance of 3 meters. When an obstacle is found to be near, an early warning within 0.5 meters to 2 meters (beeping) shows the actual distance of the obstacle, an obstacle within half a metre, and the siren keeps making a Didi sound to alert the driver.



BY-02046

warning, camera,
two function in one



BY-08777M (AHD)

AHD monitor optional

Camera



BY-02049

warning, speaker, microwave,
camera, four function in one



BY-08777M (AHD)

AHD monitor optional

Camera

Cigarette
charge

Buzzer
optional



Millimeter microwave radar camera

NEW



7" AHD monitor:

- Aspect ratio: 16:9 image
- Resolution: 1024 (H) × 600 (V)
- Power supply: DC12/24V
- 2/3/4 videos, 1 audio
- System: PAL & NTSC auto-switching

AHD 720P camera:

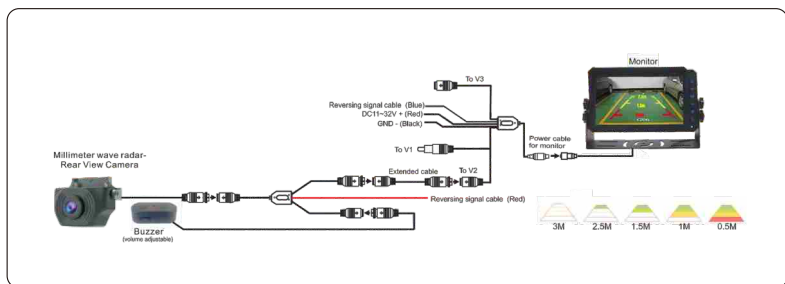
- Resolution: 720P
- View angle: 160°
- Power supply: DC12V
- Waterproof feature: IP69K
- Night vision distance: 15m



BY-08027MS (AHD)

Feature:

- Use of 11G millimeter wave radar (performance far beyond ultrasonic radar), the detection angle can reach 160 degrees (a sensor can reach the effect of 4 traditional sensors), strong anti-interference, long transmission distance.
- Detection distance: 0.5-3 meters, drop sound alarm, adjustable volume, mobile detection function alarm.
- The detection distance through the multi-color bar warning, to achieve a more user-friendly and intuitive visual effect.
- Can be independent of the vehicle camera (each video channel) picture mirroring / positive function, each channel does not interfere with each other



AI monitor & AI camera

NEW



BLIND AREA ALARM, SURVEILLANCE & RECORDING ALL-IN-ONE MONITOR

AI monitor:

- Screen size: 7 inch (16:9)
- Resolution: 1024(H)×RGB×600(V)
- Working voltage: DC12V ~ 24V
- Brightness: 450cd/M² 500:1
- System: 4QUAD AHD 720P/PAL

- Signal interface: AV1/AV2/AV3/AV4
- SD card: Support Max. 128G
- Max. distance for blind area alarm: 6M
- Working temperature: -20°C ~ +70°C
- Storage temperature: -30°C ~ +80°C



AI monitor with AHD camera,
Monitor built-in AI function

BY-08477MQ (AI)



BY-08477MQS (AI)

SMART BSD REAL-TIME PEDESTRIAN & VEHICLE BLIND AREA MONITORING WARNING CAMERA

AI camera:

- Resolution: 720P
- Power Supply: DC12V
- Viewing Angle: 130°
- Waterproof rating: IP69K

- Audio: Yes
- Pixel Size: 3.75 μm x 3.75 μm
- Working temperature: -20°C ~ +70°C
- Storage temperature: -30°C ~ +80°C



AI camera with AHD monitor,
Camera built-in AI function

BY-02032 (AI)
AHD 720P



BY-08477MS
(AI camera)



Wireless AI monitor camera system

NEW



7" AHD wireless AI monitor:

- Resolution: 1024(H) × 600(V)
- Brightness / Contrast: 600cd/m² / 500:1
- Power supply: DC 12/24V
- Maximum TF card capacity: 128G Max
- Wireless transmission distance: <300m (without obstacle)
- AI intelligent algorithm: 4QUAD BSD functions
- Algorithm recognition: human and vehicle
- Blind area warning range: four channel warning area can be set separately

AHD camera:

- Resolution: 720P
- Infrared distance: ≤15m
- Waterproof range: IP69K
- Lens: 2.8mm
- Power supply: DC12/24V
- Wireless transmission distance: <300m (without obstacle)

AHD

720P/1080P



BY-08137WR (AI)



BY-08317WR (AI)



AI camera, can connect with mobile phone

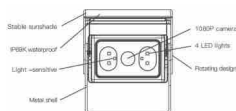
NEW



AI camera:

- Effective Pixels: 1920 (h) x 1080 (v)
- Resolution: 1080P
- Power supply: DC12V
- Horizontal angle: 150°
- waterproof level: IP69K

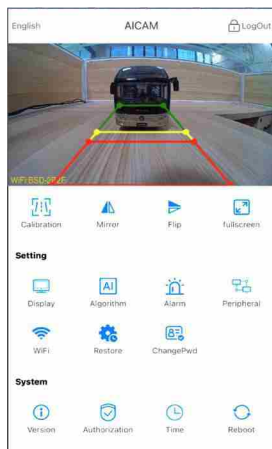
- Scanning system: Scan
- White balance/AGC: Auto
- Electronic shutter: 1/25 ~ 1/50,000s
- Operating temperature: -20 °C ~ 70 °C
- Storage temperature: -40 °C ~ 80 °C



BY-02005 (AI)

BY-02003 (AI)

Operating interface



Calculation: Auxiliary line style and adjusting the auxiliary line nodes can be set to control the scope of the alarm.

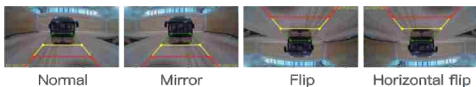
After clicking on calibration, click on the node you want to adjust (selected state is white) and you can drag it to the desired position



Switching auxiliary line: Click on the top, pop up options, click to switch.



Mirror/flip: Adjust camera image to normal/mirror/flip/horizontal flip



Fullscreen: Switch the operating screen to full-screen display



Wireless zoom camera system

NEW



30/50X zoom



1080P



Record



IP69K

10.1" AHD wireless monitor:

- Resolution: 1024 (H) × 600 (V)
- Brightness: 600cd/m²
- Working voltage: DC10-32V
- Operating frequency: 2400~2483.5MHZ
- Video recording function: Max. support 128GB SD card
- Receiving distance: 300 meters in open space



10.1AHD



50X zoom



BY-08105WR (AHD)



30X zoom



Up to 100m



12/24V



+70°C
-20°C
Working Temperature



Shockproof



Audio

Android system

NEW



ANDROID SYSTEM TOUCH MONITOR

- Screen size: 7 inch / 10.1 inch
- Resolution: 1024 × 600
- Display format: 16:9
- Brightness: 500cd/m²
- View angle: 85/85/85/85
- Operating system: Android 8.1
- Chip: 4 core A53 processor, 1.5GHz frequency

- Audio format: MPEG/MP3/WMA...
- Video format: AVI/MKV/MP4/MOV/RMVB.
- Picture format: JPG/BMP/JPEG/GIF.
- Built-in speaker: 8R × 2W
- Power supply :DC 12V-24V
- Operating temperature: -20°C~+75°C
- Storage temperature: -30°C~+80°C

AHD

720P/1080P



BY-08277M

(Android system)

BY-08104M

(Android system)



Wired connection



Working Temperature



Audio



Shockproof



12/24V

AHD digital wireless camera system

NEW



AHD wireless monitor:

- Resolution: 1024(H) × RGB × 600(V)
- Contrast: 450cd/m² / 500:1
- Working volt: DC12V/24V
- Video input: 1/2/3/4 videos, 1 audio
- SD card: support Max.128G
- Video storage format: MP4
- Working temperature: -20°C ~+70°C
- Storage temperature: -40°C ~+80°C
- Transmission distance: 500M in open area

AHD wireless camera:

- Sensor: AHD 720P
- Resolution: 1920 × 720
- Waterproof range: IP69K
- Working volt: DC12V/24V
- Level angle: 120°
- Night vision distance: > 15m
- Working temperature: -20°C ~+70°C
- Storage temperature: -40°C ~+80°C
- Transmission distance: 500M in open area



BY-08207WR (with battery)

Camera optional: 1PC 2PCS 3PCS 4PCS



Free work camera

NEW



Specification

- Rechargeable battery pack
- Battery capacity: 7800mAh
- Charging time: 4~6H
- Discharging time: 8~10H
- Charging current: 2A

- Input voltage: 6~32V
- Output voltage: 12V
- Charging temperature: -20~+45°C
- Storage temperature: -20~+60°C
- Waterproof rating: IP65

- Dimension: 107×80×36.5(mm)
- Weight: 400g
- Mounting: magnetic mount
- Connection: DC for cigarette connection



BY-02003R



1. Supply power to camera and working 8~10 hours continuously .
2. Camera can be rotated 360° for suitable angle when fixed on the pole of rechargeable battery pack.
3. Strong magnet base for use easily and conveniently.

Wireless



(Rotate)

BY-02068W



Monitor



MONITOR

- Aspect ratio 16:9 image
- Resolution: 800(H) × RGB × 480(V)
- 2/3/4 videos, 1 audio optional
- Power supply: DC 12V~24V
- System: PAL & NTSC auto-switching

- OSD menu, remote control
- Multi-languages display
- Automatically adjust light sensor
- Suitable for rear view camera



4PIN Cable



Camera



BY-08777MS



BY-08777 MQ (DVR)



BY-08101MQS



BY-08513M



BY-08777MQ



BY-08901MQ



BY-08101MQ



Wired connection



Working Temperature



Audio



Shockproof



12/24V

2.4G wireless monitor & camera



2.4G DIGITAL 2/4 QUAD WIRELESS CAMERA SYSTEMS

- Screen size: digital screen (16:9 & 4:3)
- System: PAL/NTSC(auto)
- Resolution: 800(H)×RGB×480(V)
- Video inputs: 2/4 videos, 1 audio
- Brightness: 450cd/M² 450:1
- Operating temperature: -20°C~+70°C
- Working voltage: DC12V~32V

- Feature: 2.4G HZ digital wireless receiver
- Effective distance: >150M
- With removable sunvisor
- Camera: CMOS camera
- DC12V~DC24V
- Function: 2.4G HZ digital wireless transmitter camera
- Feature: waterproof, shockproof, night vision



BY-08137WR(Battery)

Camera optional: 1PC 2PCS



(4 Quad)

BY-08109WR

Camera Optional: 1PC 2PCS 3PCS 4PCS



BY-08101W



BY-08109W



BY-08137W



BY-08517W



Touch button monitor



TOUCH BUTTON MONITOR WITH CAMERA SYSTEM

Specification

- Aspect ratio 16:9 image
- Resolution: 800(H)×RGB×480(V)
- 2/3/4 videos, 1 audio optional
- Power supply: DC 12V~24V

- System: PAL & NTSC auto-switching
- OSD menu, remote control
- Multi-languages display
- Automatically adjust light sensor
- Suitable for rear view camera



BY-08677MS



BY-08903MQS



BY-08103MQ



BY-08903MQ



BY-08677MQ



BY-08050M



Wired connection



Working Temperature



Audio



Shockproof



12/24V

2.4G digital wireless monitor with touch button



2.4G DIGITAL WIRELESS MONITOR WITH TOUCH BUTTON

Specification:

- Screen size: digital screen (16:9&4:3)
- System: PAL/NTSC(auto)
- Resolution: 800(H)×RGB×480(V)
- Video inputs: 4 videos, 1 audio
- Brightness: 450cd/M² 500:1
- Operating temperature: -20℃ ~ +70℃
- Working voltage: DC12V~24V
- Feature: 2.4G HZ digital wireless receiver
- Effective distance: >150M
- With removable sunvisor



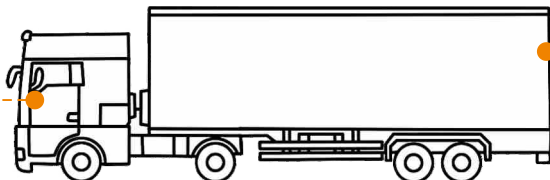
BY-08237WR (4Quad)

Camera Optional: 1PC 2PCS 3PCS 4PCS



BY-08219WR (4Quad)

Camera Optional: 1PC 2PCS 3PCS 4PCS



Tablet monitor with touch button



Specification

- Aspect ratio 16:9 image
- Resolution: 800(H) × RGB × 480(V)
- Power supply: DC12~24V
- Video inputs: 2/3/4 videos, 1 audio optional
- System: PAL & NTSC auto-switching
- OSD menu, remote controller
- Multi-languages display
- Automatically adjust light sensor
- Operating temperature: -20°C ~ +70°C
- Storage temperature: -30°C ~ +80°C



BY-08277M



BY-08277MQ



BY-08277MS



BY-08104M



BY-08104MQ



AHD tablet wireless monitor camera system



AHD tablet wireless monitor:

- Touch button: Yes
- DVR function: Yes
- Contrast: 500:1
- Brightness: 450cd/m²
- Resolution: 1024(H) × 600(V)
- Working voltage: DC12V/24V
- Video inputs: 4 videos, 1 audio
- Transmitting distance: 150M in open area

AHD wireless camera:

- Resolution: AHD 720P/1080P
- View angle: 120°
- Night vision distance: > 10m
- Waterproof rating: IP69K
- Built-in rechargeable battery
- Battery charging voltage: 12V/1.5A
- Battery capacity: 3.7V/7800mAh
- Charging time: 12V/4.5H



BY-08277WR

Camera optional: 1PC



BY-08277WR (4QUAD)

Camera optional: 1PC 2PCS 3PCS 4PCS



BY-08104WR

Camera optional: 1PC



BY-08104WR (4QUAD)

Camera optional: 1PC 2PCS 3PCS 4PCS



Camera monitor system



Specification:

- Aspect ratio 16:9 image
- Resolution: 800(H)×RGB×480(V)
- Power supply: DC12~24V
- Video inputs: 2/3/4 videos, 1 audio optional
- System: PAL & NTSC auto-switching
- OSD menu, remote controller
- Working voltage: DC 12V~32V
- Multi-languages display
- Automatically adjust light sensor
- Operating temperature:-20°C~+70°C



BY-08477M



BY-08477MQ



BY-08477MQS



BY-08102M



BY-08102MQ



BY-08102MQS



2.4G digital wireless monitor system



2.4G DIGITAL 4 QUAD WIRELESS CAMERA SYSTEM

Specification:

- Screen size: digital screen (16:9&4:3)
- System: PAL/NTSC(auto)
- Resolution: 800(H)×RGB×480(V)
- Video inputs: 4 videos, 1 audio
- Brightness: 450cd/M² 500:1
- Operating temperature: -20°C ~ +70°C
- Working voltage: DC12V~24V
- Feature: 2.4G HZ digital wireless receiver
- Effective distance: >150M
- With removable sunvisor



BY-08127WR (4Quad)

Camera Optional: 1PC 2PCS 3PCS 4PCS



BY-08102WR (4Quad)

Camera Optional: 1PC 2PCS 3PCS 4PCS



Camera monitor system



5" / 7" / 9" / 10.1" HD monitor:

- Screen size: 16:9 & 4:3
- System: PAL/NTSC(auto)
- Resolution: 800(H) × RGB × 480(V)
- Video inputs: 1/2/3/4 videos, 1 audio optional
- Working voltage: DC12V~24V
- Operating temperature: -20 °C ~ +70 °C
- DVR function optional

CMOS camera:

- Sensor: CMOS
- Resolution: 733(H) × 493(V)
- Waterproof range: IP69K
- Working volt: DC12V
- Level angle: 120°
- Night vision distance: >15m
- Working Temperature: -20 °C ~ +70 °C



BY-08097MS



BY-08904MQS



BY-08909M



BY-08097MQ



BY-08904MQ



BY-08905MQ



2.4G digital wireless monitor system



5"7"9"10.1" HD wireless monitor:

- Screen size: digital screen (16:9&4:3)
- System: PAL/NTSC(auto)
- Resolution: 800(H) × RGB × 480(V)
- Video inputs: 1/2/3/4 videos, 1 audio
- Brightness: 450cd/M² 500:1
- Working voltage: DC12V~24V
- Effective distance: 100M in open area
- Operating temperature: -20 °C ~ +70 °C

Wireless camera:

- Sensor: CMOS
- Resolution: 976(H) × 494(V)
- Waterproof range: IP69K
- Working volt: DC12/24V
- Level angle: 120°
- Night vision distance: >15m
- Working Temperature: -20 °C ~ +70 °C
- Transmission distance: 100M in open area



BY-08167WR (4 Quad)
camera optional: 1pc 2pcs 3pcs 4pcs



BY-08119WR (4 Quad)
camera optional: 1pc 2pcs 3pcs 4pcs



BY-08055W



BY-08167W



BY-08119W



BY-08106W



Camera monitor system



7" HD monitor:

- Screen size: 16:9 & 4:3
- System: PAL/NTSC(auto)
- Resolution: 800(H) × RGB × 480(V)
- Video inputs: 1/2/3/4 videos, 1 audio optional
- Working voltage: DC12V~24V
- Operating temperature: -20°C~+70°C
- DVR function optional

CMOS camera:

- Sensor: CMOS
- Resolution: 733(H) × 493(V)
- Waterproof range: IP69K
- Working volt: DC12V
- Level angle: 120°
- Night vision distance: >15m
- Working Temperature: -20°C~+70°C



BY-08027MS



BY-08027MQS



2.4G digital wireless monitor system



7" AHD wireless monitor:

- Screen size: digital screen (16:9&4:3)
- System: PAL/NTSC(auto)
- Resolution: 1024(H) × RGB × 600(V)
- Video inputs: 1/2/4 videos
- Brightness: 450cd/M² 500:1
- Working voltage: DC12V~24V
- Effective distance: 300m in open area
- Operating temperature: -20°C~+70°C

AHD Wireless camera:

- Resolution: AHD720P
- 18 IR lights
- Waterproof range: IP69K
- Working volt: DC12/24V
- Level angle: 120°
- Night vision distance: >15m
- Working Temperature: -20°C~+70°C
- Transmission distance: 300m in open area



BY-08217WR
Camera optional: 1pc



BY-08217WR (4 Quad)
Camera optional: 1pc 2pcs 3psc 4pcs



Camera monitor system



7" monitor:

- Screen size: 16:9 & 4:3
- System: PAL/NTSC(auto)
- Resolution: 800 (H) × RGB × 480 (V)
- Vide inputs: 1/2/3/4 videos, 1 audio optional
- Working voltage: DC12V~24V
- Operating temperature: -20℃~+70℃
- DVR function optional

CNOS camera:

- Sensor: CNOS
- Resolution: 733 (H) × 433 (V)
- Waterproof feature: IP69K
- Working voltage: DC12V
- Level angle: 120°
- Night vision distance: >15m
- Working temperature: -20℃~+70℃



BY-08077MS



BY-08077MQS



Horizontal screen,
Vertical screen
adjustable



Wired connection



Working
Temperature



Audio



Shockproof



12/24V

AHD Digital wireless camera system



AHD wireless monitor:

- Size: 7 inch (16:9)
- Resolution: 1024(H) × RGB × 600(V)
- Power supply: DC12~32V
- Video inputs: 1 video / 4 videos
- SD card: Support 128G SD card
- Effective distance: ≤ 300M (No obstacle)
- Working temperature: -20°C ~ +70°C

AHD wireless camera:

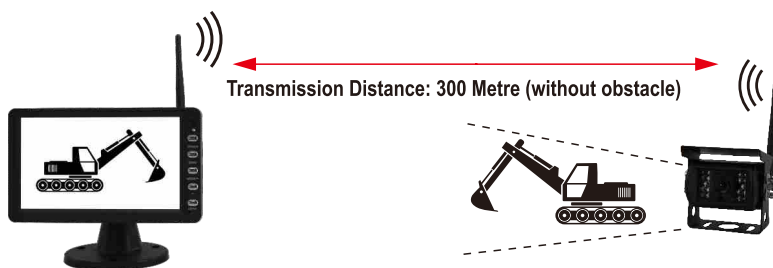
- Image Device: AHD 720P
- Operation frequency: 2403-2478 MHz
- Volts: 12/24V
- Waterproof rating: IP69K
- Viewing Angle: 120°
- Night vision distance: 15m
- Working temperature: -20°C ~ +70°C



BY-08317WR
(Camera optional: 1PC)



BY-08317WR (4QUAD)
(Camera optional: 1PC 2PCS 3PCS 4PCS)



Camera monitor system



7" HD monitor:

- Screen size: 16:9 & 4:3
- System: PAL/NTSC(auto)
- Resolution: 800(H)×RGB×480(V)
- Video inputs: 1/2/3/4 videos, 1 audio optional
- Working voltage: DC12V~24V
- Operating temperature: -20℃~+70℃
- DVR function optional

CNOS camera:

- Sensor: CMOS
- Resolution: 733(H)×493(V)
- Waterproof range: IP69K
- Working volt: DC12V
- Level angle: 120°
- Night vision distance: >15m
- Working Temperature: -20℃~+70℃



BY-08051MS



BY-08087MQS



BY-08827MS



BY-08827MQS



2.4G Digital Wireless monitor system



AHD Wireless monitor:

- Screen size: digital screen (16:9&4:3)
- System: PAL/NTSC(auto)
- Resolution: 1024(H)×RGB×600(V)
- Video inputs: 1/2/4 videos, 1 audio
- Brightness: 450cd/M² 500:1
- Working voltage: DC12V~24V
- Effective distance: 100M in open area
- Operating temperature: -20℃~+70℃

AHD Wireless camera:

- Sensor: AHD 720P
- Audio: Yes
- Waterproof range: IP69K
- Working volt: DC12/24V
- Level angle: 120°
- Night vision distance: >15m
- Effective distance: 100M in open area
- Operating Temperature: -20℃~+70℃



BY-08051WR

Camera optional: 1PC



BY-08147WR

Camera optional: 1PC 2PCS 3PCS 4PCS



BY-08307WR

Camera optional: 1PC



BY-08307WR(4 Quad)

Camera optional: 1PC 2PCS 3PCS 4PCS



2.4G wireless monitor & camera



2.4G DIGITAL WIRELESS CAMERA SYSTEMS

- Screen size: digital screen (16:9 & 4:3)
- System: PAL/NTSC(auto)
- Resolution: 800(H)×RGB×480(V)
- Video inputs: 1 video
- Brightness: 450cd/M² 450:1
- Operating temperature: -20°C~+70°C
- Working voltage: DC12V~32V

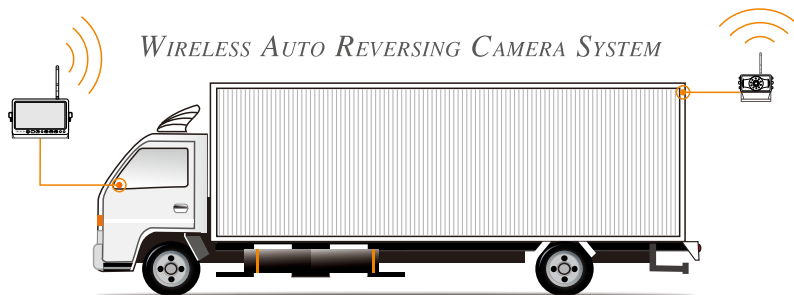
- Feature: 2.4G HZ digital wireless receiver
- Effective distance: >150M
- With removable sunvisor
- Camera: CMOS camera
- DC12V~DC24V
- Function: 2.4G HZ digital wireless transmitter camera
- Feature: waterproof, shockproof, night vision



BY-08514WR



BY-08177WR



2.4GHz wireless camera with color LCD monitor



Specification

Wireless Monitor:

- 4.3 inch / 5 inch digital panel
- Aspect ratio: 16:9 image
- Resolution: 800×RGB×480
- Backlight: LED, 500cd/m² Contrast: 1200:1
- AV input: 1 channel 2.4G wireless video signal input
- Power supply: DC12V~24V

Wireless camera:

- Image sensor: 1/3" CMOS
- Resolution: 600TV Lines
- Waterproof: IP69K
- Lens angle: 120 wide angle
- Power supply: DC12~24V



BY-08512W



BY-08050W



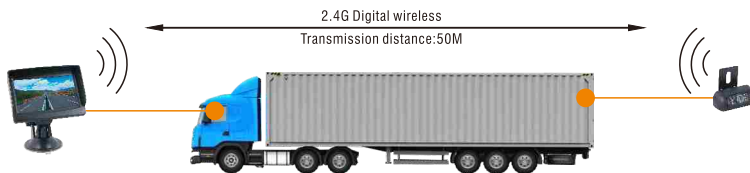
Bayonet bracket
BY-08003G



EU and Global market
BY-02065W-EU



USA type bracket
BY-02065W-U



2.4G Digital Wireless Monitor Camera System



2.4G MULTI-MONITOR WITH 1PC WIRELESS CAMERA



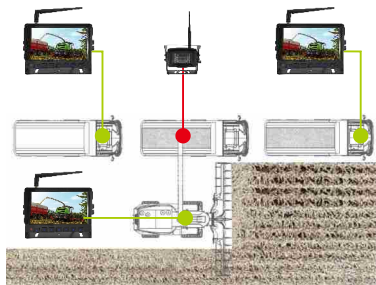
Multi-Monitor-System

- Multi-monitor with digital wireless camera system. Apply to farm harvester harvesting, tractor transport, viewing silos.
- 7" Digital monitor built-in 2.4GHz digital wireless receiver, graphical menu.
- Multi-monitor automatically receives the same camera image.
- Picture image may be adjusted for horizontal, vertical, mirror and normal viewing.
- 2.4GHz digital wireless camera: IP69K waterproof and 10G vibration, IR LEDs for night vision.
- Operating voltage: DC12~24V.



BY-08118WR

Monitor optional: 1PC/2PCS/3PCS/4PCS



Wireless camera with wireless receiver



Specification

CMOS wireless camera:

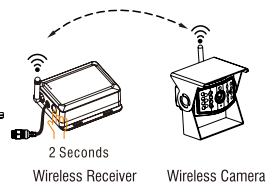
- Max. transmitting distance: 120M
- IP rating: IP69K
- Night vision: Yes
- Camera viewing angle: 120°
- Volts: 12V~24V
- Magnetic fix: Yes
- Bolt fix: Yes
- Temperature range: -20°C ~ 60°C

2.4Ghz wireless receiver:

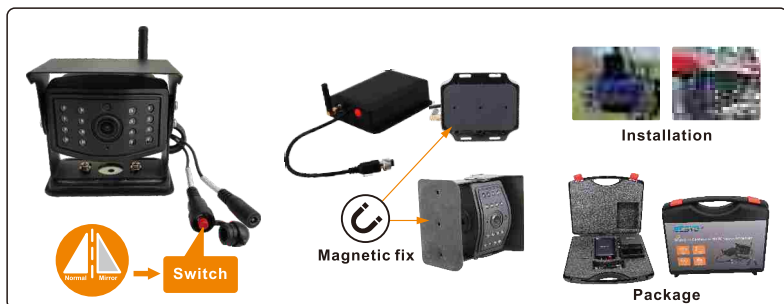
- dBm transmission: 20 dBm
- Transmitting speed: 4 Mbps
- IP rating: IP65
- Volts: 12~24V
- Magnetic fix: Yes
- Bolt fix: Yes
- Temperature range: -20°C ~ 60°C
- Operating frequency: 2400~2483.5Mhz



*Monitor for reference only,
not included!
(Original monitor)



BY-02072W+BY-08106WR

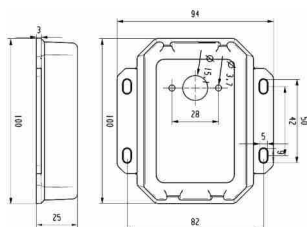


AHD wireless receiver and wireless transmitter



- Weight: 500G
- Waterproof: IP65
- Resolution :1080P,720P
- RF transmission bandwidth: 12Mbps
- Transmission distance: Over 500m
- Working frequency range: 2400~2483.5 Mhz
- Modulation mode: QPSK/16QAM
- Standard: NTSC or PAL

- Boot time: 3S
- Operating temperature -20~+80°C
- Power supply voltage: 12-36V
- TX current consumption: 200Ma
- RX current consumption: 200Ma
- Video compression mode: H.264
- Delay time: 100ms Max
- Transmit Power: 20dBm with Power control



BY-08107WR+BY-08107WT (AHD)



Operation step:

- 1) Connect the antenna to RX and TX respectively.
- 2) RX is connected to the display screen, TX is connected to the lens or 12V power supply, and the power indicator is bright after the power is powered on.
- 3) Code alignment: Press the code alignment key for 3 seconds, release the code alignment indicator after blinking, the green light is long on, and the code alignment is successful.



2.4G forklift wireless camera with laser light



- Work voltage:DC10~48V
(Rechargeable battery optional)
- Waterproof rate:IP69K
- Shell material: aluminium alloy shell
(Built in 6/8 PCS high strength magnets)
- Image type: high definition, color, CMOS 1/3
- Resolution: 960(H)×576(V)
- TV line: 700 TVL

- Transmitted power: 20dbm
- Fill light pattern: LED light
- Effective distance: 150M (without obstacle)
- High vision distance: 3M
- Shockproof rate: 5.9G
- Working temperature: -20℃ ~ +70℃
- Storage temperature: -30℃ ~ +80℃

CMOS

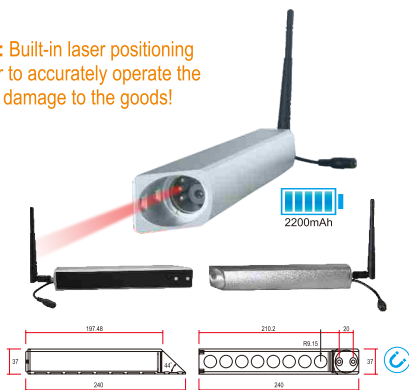
AHD 720P/1080P

Laser Positioning: Built-in laser positioning line helps the driver to accurately operate the fork, so as to avoid damage to the goods!



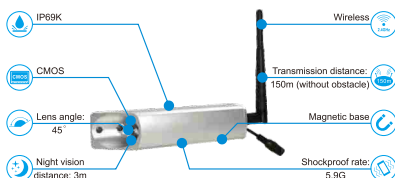
BY-02000W

built-in 6 PCS high strength magnets



BY-02001W

Built in 8 PCS high strength magnets
and built in battery can work 6 hours



Digital wireless camera system



CMOS wireless camera:

- Sensor: CMOS
- Resolution: 976(H) × 494(V)
- Waterproof range: IP69K
- Working volt: DC12/24V
- Level angle: 120°
- Night vision distance: >15m
- Working Temperature: -20°C ~ +70°C
- Storage Temperature: -40°C ~ +80°C
- Transmission distance: 100M in open area

AHD wireless camera:

- Sensor: AHD 720P/1080P
- Resolution: 1280 × 720/1920 × 1080
- Waterproof range: IP69K
- Working volt: DC12/24V
- Level angle: 120°
- Night vision distance: >15m
- Working Temperature: -20°C ~ +70°C
- Storage Temperature: -40°C ~ +80°C
- Transmission distance: 100M in open area



BY-02068W



BY-02103W



BY-02063W



BY-02030W



BY-02072W



BY-02102W



BY-02031W



Waterproof monitor



7/10.1 INCH WATERPROOF MONITOR

- 7/10.1 inch TFT panel
- Aspect ratio 16:9 image
- Resolution: 800 (H) × RGB × 600 (V)
- 2/3/4 videos
- Power supply: DC 12V~24V
- System: PAL & NTSC auto-switching

- OSD menu: remote control
- Sunshade design around
- Automatically switch to V2 when reversing
- Suitable for rear view camera
- 4 PIN connector (optional) for special camera
- Dimension: 172 × 115 × 22mm



BY-08713M



4PIN Cable



Camera



BY-08713MS



BY-08713MQ



BY-08108MQS



BY-08109MQS



Wired connection



+70°C
-20°C
Working Temperature



Shockproof



12/24V

Monitor



- 7 inch TFT panel
- Aspect ratio 16:9 image
- Resolution: 800(H)×RGB×480(V)
- 2/3/4 videos, 1 audio optional
- Power supply: DC 12V~24V
- System: PAL & NTSC auto-switching

- OSD menu: remote control
- Sunshade design around
- Automatically switch to V2 when reversing
- Suitable for rear view camera
- 4 PIN connector (optional) for special camera
- Dimension: 172×115×22mm



BY-08977M



BY-08977MQ



BY-08977MS



BY-08067M



BY-08067MQ



BY-08067MS



BY-08057M



BY-08057MQ



BY-08057MS



HD 3 QUAD & AHD 2QUAD monitor



HD 3 QUAD MONITOR

- 12.2 inch 16:9 image
- Resolution: 1024(H)×RGB×310(V)
- 3 videos, 1 audio optional
- Power supply: DC 12V~24V
- System: PAL & NTSC auto-switching

AHD 2 QUAD MONITOR WITH DVR

- 12.3 inch 8:3 IPS screen
- Resolution: 1920(H)×RGB×720(V)
- 2 videos, 1 audio optional
- Power supply: DC12~24V
- System: PAL & NTSC auto-switching



BY-08377MQ



BY-08512AHD (MQ)

Patent Number: ZL 2018 3 0509015.X



Wired connection



Working Temperature



Audio



Shockproof



12/24V

360 3D camera system



360 3DCAMERA SYSTEM



360°
Birds-eye view



Supports
Up-to 4 AHD cameras



Make manoeuvres
Safer & easier



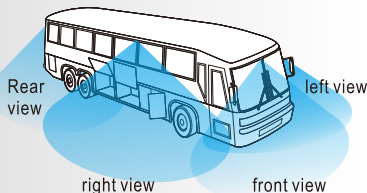
Tailored
Screen setup



OPTIONAL



BY-02065



SEAMLESS 360° BIRD'S-EYE VIEW OF YOUR VEHICLE & THE AREA AROUND IT

- 360° view monitor system provides high resolution images captured on 4 AHD cameras
- Visually identify obstacles in all directions of vehicle-covering blind spots
- User-tailored screen setup such as split screen output to display specific cameras when reversing or indication
- The plug-and-play system will connect into Besyo DVRs to allow the recording of images from all cameras

FEATURES

12 / 24V
Waterproof to IP69K
Real-time 360° view
4 AHD cameras with ultra-wide angle support with GPS module, ECU

BENEFITS

Comprehensive view of the surrounding area in a single image
Eliminates blind spots, improves safety
Helps reduce risk of collisions
Danger area are identified and prioritised on the display



Wired connection



+70°C
-20°C
Working Temperature



Audio



Shockproof



12/24V

Mobile DVR - harddrive version



Mobile DVR - Harddrive Version

Specification:

- Size: 188 × 148 × 60mm
- Pattern adjustment: hd/analog;
- Suitable for: logistics trucks, vans, buses, taxis ,cars and so on;
- Video storage: support 2pcs 512 GB memory card;
- Video storage: maximum support 1TB/2 TB hard disk.
- Working voltage: 9V-36V;
- Communication function: supports 3G/4G WIFI/GPS, and other functions; Recording video images;
- Support: 4 channel /8 channel change automatically.



4 channel: BY-08927MDVR
5 channel: BY-08928MDVR
8 channel: BY-08929MDVR
9 channel: BY-08930MDVR
(support 512GB SD card)



4 channel: BY-08910MDVR
5 channel: BY-08911MDVR
8 channel: BY-08912MDVR
9 channel: BY-08913MDVR
(1TB/2TB hard disk optional)

UNIQUE FEATURE

- Support HD/AHD monitor and CCD/CMOS/AHD camera.
- Support configuration function of reverse mirror image.
- Built-in super capacitor, to avoid data loss and disk damage because of abnormal power off.
- Support management identification of intelligent power, low power and shut down automatically, turn off and low power consumption.



Parking sensor



PARKING SENSOR SYSTEM AND MILLIMETER MICROWAVE RADAR CAMERA

Parking sensor system:

- Use human voice or buzzer.
- Radar input: Digital radar sensor input.
- Two camera input is supported.
- It is designed with an aluminium alloy housing.
- Supports one video output.
- Special high sensitivity sensor, strong vibration resistance, low false alarm rate.
- It's designed for the vehicle and supports a wide range of voltage inputs. Can work stably from DC12V/24V .
- Adopts one-line bus transmission, 4/8 radar sensor, simple installation.
- Adopts digital signal transmission, strong anti-interference, will not be interfered by the engine, and the transmission distance is far, up to 5 meters.



BY-828 (05)

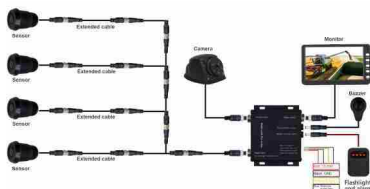


BY-0877MS

(4 sensors or 8 sensors)



BY-08077MS (4 sensors)



AHD digital radar and camera monitor system



7" AHD monitor:

Aspect ratio: 16:9 image
Resolution: 1024 (H) × 600 (V)
Power supply: DC12/24V
2/3/4 videos, 1 audio
System: PAL & NTSC auto-switching

AHD 720P camera:

- Resolution: 720P
- View angle: 120°
- Power supply: DC12V
- Waterproof feature: IP69K
- Night vision distance: 15m



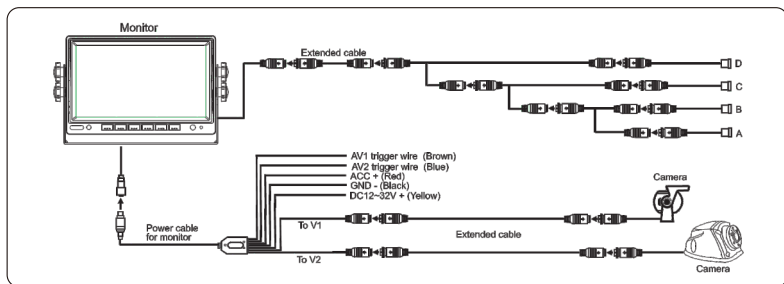
BY-08027MQS (AHD)
4~16 sensor optional



BY-08047MS (AHD)
4~16 sensor optional

Feature:

- Digital radar is built into the monitor
- The parking alarm distance can be set at 0.5-1 meters
- 13 models available
- Special high sensitivity digital radar, anti-interference, low false alarm rate
- Detection distance: 0.3~3 m (5 m optional)
- Detection Angle: about 70°
- External mounting, do not need to open holes
- Anti-interference housing design
- Radar detection may reduce the sensitivity and accuracy of the radar according to different environments and surface cleanliness, and the detection function only AIDS safe driving



Wireless radar system

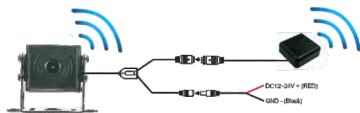


Wireless radar system:

1. Wide voltage DC12-24V, specifically designed for blind spots in large vehicles
2. No wiring required, wireless radar transmission, easy installation
3. Using a digital radar probe, the detection angle can reach 160 degrees, achieving the effect of one probe reaching four traditional probes, saving installation time and improving efficiency
4. Motion detection function, detects obstacles for 8-10 seconds with no change in distance, stops the buzzer alarm, and synchronizes the alarm when the distance changes, solving the problem of traditional radar alarm that affects the driver's driving experience.
5. Using digital probes for precise detection, strong anti-interference, low false alarm rate, and stable quality
6. Detection range: 0.5-3 meters
7. Wireless transmission distance: ≤ 60 meters
8. The alarm volume can be adjusted



BY-02076W



4G camera for anti-theft oil



Specification:

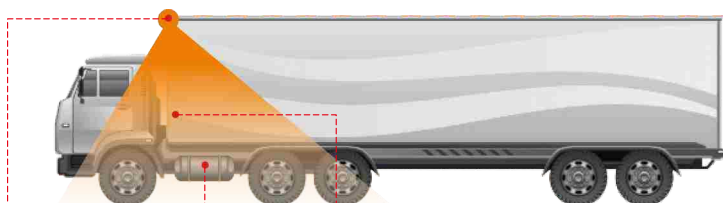
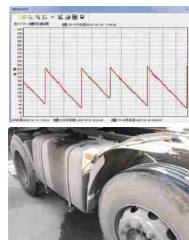
- Product features 3MP HD resolution;
- Built-in high-performance image processing chip, H.265 encoding, high compression ratio, clear image;
- Support TF card storage, maximum support 256G;
- Loop recording, automatically covering the earliest recording;
- Support GPS, Beidou positioning;
- Support domestic 4G network and overseas 4G network;
- Support mobile phone/computer real-time remote monitoring;
- Supports connection of oil sensing, temperature sensing, load and other peripherals.



BY-02043



[Besyo] Received a new alarm,
vehicle: Yue B3**2,
Alarm type: Abnormal oil,
Alarm time: 2023-02-16 10:37:28,
Address: Hanghang Road,
Baoan District, Shenzhen,
Guangdong, China
Alarm description:
vehicle oil abnormal alarm.



4G camera

Oil sensor

Alarm



When a large change in the amount of oil in the tank is detected, the anti-theft oil alarm system will be triggered. Outside the vehicle, the 4G camera began to record and capture anti-theft behavior. At the same time, the Acousto-optic alarm is triggered, the oil tank is abnormal, and the oil thief is driven to leave, and the mobile phone receives an anti-theft oil alarm message.



Thermal camera



Controller:

- Voltage: 9-36V
- Power consumption: <5W
- Early warning output: Yes
- Interface: CAN/UART
- Video output (customizable): CVBS/USB
- Identification frame frequency: 21HZ
- Identification rate: >95%
- Identification distance:
pedestrian(1.7*0.5M)>100M
vehicle(2.3*2.3M)>160M
- Operating temperature: -20°C~70°C



BY-02022 (With controller)



BY-02023
(Camera only)

Thermal camera:

- Waterproof: IP69K
- F-Number: 1.0.
- Field Of View (FOV): 20° * 15°
- Frame frequency: <25HZ
- Automatic defrost: Yes
- Image display: White hot
- Pixel spacing: 12 μm.
- Operating wave: 8-14 μm
- Temperature: -40°C~80°C
- Focal distance (customizable): 9MM
- Resolution of output image (customizable): 256*192



Normal vision range



Night



Glare



Fog

Thermal image view range



APPLICATION AREA

Passenger Vehicles, Commercial Vehicles, Special Vehicles, Maintenance Vehicle, High Speed Rail and Other Railway Vehicles, Solution for Automatic Drive



IP camera, can connect with computer and mobile phone



IP/Ethernet camera:

- Resolution: AHD720P, 1280 × 720
- Viewing angle: 130°
- Working Voltage: DC12V
- Night vision distance: 12~15m
- Working temperature: -20°C ~ +70°C
- Storage temperature: -30°C ~ +80°C

- SNR: $\geq 50\text{db}$ (AGC OFF)
- Audio input: 1 audio MIC input
- Audio output: 1 audio cable output
- IO function: 1-way reset
- Dynamic Range: Digital wide dynamic; $> 80\text{db}$
- Mobile phone client: Android iOS /Android iOS Mobile Web



BY-02043(AHD)

Feature:

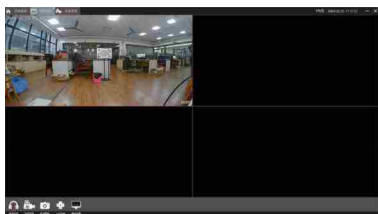
- 1) Don't need connect monitor.
- 2) Independently connected power supply.
- 3) Simple installation, easy to use.
- 4) Can connect with computer and mobile phone.



BY-02064(AHD)



Show in mobile phone



Show in computer



Reversing shutter camera



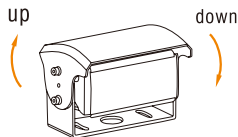
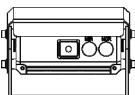
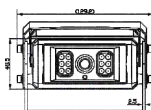
Specification

- Camera IP rating: IP69K
- Camera type: 1/3 CMOS
- Mirror function: Optional
- Audio function: Optional
- Resolution: PAL:733(H)×493(V)
NTSC:733(H)×493(V)

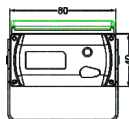
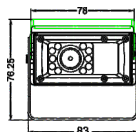
- Mount: metal bracket mount
- Volts: 12V
- Night vision: 10m
- Viewing angle camera: 120°
- Working temperature: -20°C ~ +70°C
- Camera size: 83×76.25×59.97mm
- Certification: CE, EMC, RoHS, R10, UKCA

CMOS

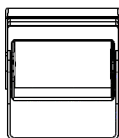
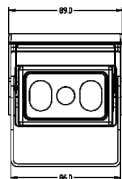
AHD 720P/1080P



BY-02000



BY-02001



BY-02003

(with automatical shutter & mirror function)



Wired reversing camera with mirror function



Specification

- Camera IP rating: IP69K
- Camera type: 1/3 CMOS
- Mirror function: Yes
- Volts: 12V
- Audio function: Optional
- Resolution: PAL:733(H)×493(V)
NTSC:733(H)×493(V)
- Mount: metal bracket mount
- Night vision: 10m
- Viewing angle camera: 120°
- Working temperature: -20°C ~ +70°C
- Camera size: 76×71×88mm
- Certification: CE, EMC, RoHS, R10, UKCA

CMOS

AHD 720P/1080P



(4 IR lights)



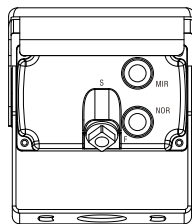
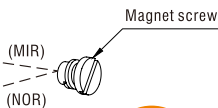
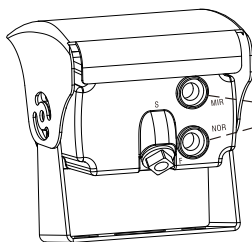
(18 IR lights)

BY-02031



BY-02039

Mirror function



Camera



WATERPROOF AHD CAMERA

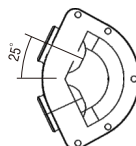
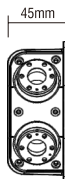
CMOS

AHD 720P/1080P

- Type: rear view camera
- Sensor: CMOS
- Resolution: 1280(H) × 720(V)
- TV lines: AHD 1000 lines

- Lens: LED red light
- Min illumination: 0.00001 lux/F1.2 (LED on)
- Night vision distance: 25ft

- Waterproof: IP69K
- Viewing angle: 150°
- Power supply: DC12V
- Operation temperature: -20°C ~ +70°C



BY-02051 (AHD)

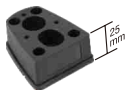


BY-08003G

BY-08003H



BY-02032



BY-08003 E



BY-08003 F



**BUS REAR CAMERA
BY-02105**



Long arm camera with 2pcs or 3pcs lens



AHD720P camera:

- Effective Pixels: 1280 (H) × 720 (V)
- Resolution: 720P
- Power supply: DC12V
- Horizontal angle: 60° /90° /135°
- Waterproof level: IP69K

- Night vision: 15m
- TV line: 600
- Lens: LED right light
- Operating temperature: -20°C ~ 70°C
- Storage temperature: -40°C ~ 80°C



BY-02102
(2 pcs lens)



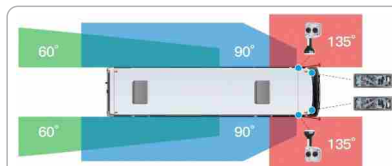
BY-02103
(3 pcs lens)



BY-02106
(2 pcs lens)



BY-02107
(3 pcs lens)



Camera



WATER-PROOF CAMERA

- Type: Rear view camera
- Sensor: CMOS
- Resolution:
PAL: 733(H)×493(V)
NTSC: 733(H)×493(V)

- TV line: 600
- Lens: 2.5mm
- Min illumination: 0lux (LED on)
- Night vision distance: 25ft
- Waterproof: IP69K

- View angle: 120°
- Power voltage: 12V
- Operation Temp.:
-20°C~+70°C

CMOS

AHD 720P/1080P



BY-02025



BY-02017



BY-02030



BY-02032



BY-02033



BY-02035



BY-02076



BY-02012



BY-02016



BY-02053



BY-02038



BY-02041



**BUS REAR CAMERA
BY-02105**



Camera



WATER-PROOF CAMERA

- Type: Rear view camera
- Sensor: CMOS
- Resolution:
PAL: 733(H)×493(V)
NTSC: 733(H)×493(V)

- TV line: 600
- Lens: 2.5mm
- Min illumination: 0lux (LED on)
- Night vision distance: 25ft
- Waterproof: IP69K

- View angel: 120°
- Power voltage: 12V
- Operation Temp.:
-20°C~+70°C

CMOS

AHD 720P/1080P



BY-02063



BY-02055



BY-02056



BY-02036



BY-02068



BY-02071



BY-02072



BY-02045



BY-02060



BY-02061



BY-02062



BY-02064



BY-02040



BY-02026



BY-02050



BY-02052



Camera



WATER-PROOF CAMERA

- Type: Rear view camera
- Sensor: CMOS
- Resolution:
PAL: 733(H)×493(V)
NTSC: 733(H)×493(V)

- TV line: 600
- Lens: 2.5mm
- Min illumination: 0lux (LED on)
- Night vision distance: 25ft
- Waterproof: IP69K

- View angel: 120°
- Power voltage: 12V
- Operation Temp.:
-20°C~+70°C

CMOS

AHD 720P/1080P



BY-02015



BY-02004



BY-02185



BY-02018



BY-02019



BY-02013P



BY-02014



BY-02011



FIAT DUCATO
BY-02104



BUS REAR CAMERA
BY-02101



FORD
BY-02042



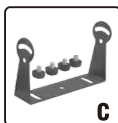
BENZ SPRINTER
2007-2014
BY-02069



Accessories

BRACKET

BY-08003



EXTENDED CABLE

- 5/10/15/20 meter extended cable
- 4PIN male connector for camera

- Waterproof function
- Length selectable

BY-08002A



BY-08002B



BY-08002C



5M/10M/15M/20M

TRAILER CABLE

- 5PIN metal connector with male and female connector
- Waterproof function
- 4PIN metal connector for CMOS camera

- Length selectable
- With elasticity length from 2000mm to 4000mm
- Very tight connection and long time reliable



BY-08001-1C



BY-08001-2C



BY-08001-4C



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