

DHI-ITC352-AU3F-LZF1640

3MP All-in-one Al Enforcement Camera



System Overview

With its high-performance AI processor, 3MP All-in-one AI Enforcement Camera delivers high quality images even in the toughest weather conditions. For monitoring, it uses deep learning algorithms and GS-CMOS image sensors with a wide dynamic range and a high frame rate, making it ideal for traffic scenarios. With its advanced image technology, the white light supplements light at night to allow the camera to take vivid, full color images without using the external flashing light or strobe.

Functions

Reduced light pollution

The illuminators supplement light when the camera captures license plates without using the external flashing light or strobe, significantly reducing light pollution.

Ultra-high frame rate

Uses traffic-specific, high-performance GS-CMOS image sensors with a wide dynamic range, high frame rate, and high signal-to-noise ratio, displaying realistic video images in the day and night.

Video metadata

Deep learning algorithms and a high-performance AI processor allow the camera to detect and extract detailed information on motor vehicles, providing a reliable data source that can be used in making effective decisions.

Applicable to various road scenes

Ideal for scenarios where license plate recognition is needed, the camera is capable of capturing more than ten different types of traffic violations, and supports traffic information collection and event detection.

Multi-dimensional data sensing

Using GPS positioning, the camera realizes multi-dimensional data sensing.

- · GS-CMOS image sensor.
- · 2048 × 1536@50 fps.
- · Video compression standards: H.265, H.264M, H.264H and MJPEG.
- · Integrated design, IP66 and IK10 rated.
- Under recommended installation and lighting conditions:
 Capture rate > 99%

LPR accuracy > 98%

Safe and reliable performance

Built to withstand the toughest conditions, this camera functions in a wide temperature and voltage range. It has a built-in lightning protection module, and is IP66 and IK10 rated. Feel safe using it in all-weather types.

Scene

The camera is ideal for use in intelligent traffic management and for smart city businesses. It is capable of detecting traffic violations, capturing license plates, generating passing vehicle records, collecting traffic data, and detecting events.

Technical Specification

Camera

Image Sensor	2/3" GS-CMOS	
Shutter Mode	Single shutter; double shutters; three shutters	
Electronic Shutter Speed	Auto/Manual 1/50 s–1/100,000 s	
Noise Reduction	3D NR	
S/N	48 dB	
WDR	120 dB	
Minimum intensity	0.001 lux	
Day/Night	Supports ICR auto switch: IR cut-off filter (IRCF) with the polarizing filter is used during the daytime, and switches to the common IR cut-off filter at night	
Illuminator		

Illuminator Number	6
Illumination Distance	23 m-30 m (75.46 ft-98.43 ft) (adjustable brightness)
Covered lane	2 lanes

Lens		Video	
Lens Type	Motorized vari-focal	Video Compression	H.265; H.264M; H.264H; MJPEG
Focal Length	16 mm-40 mm	Video Resolution	3M (2048 × 1536); UXGA (1600 × 1200); 1080p (1920 × 1080); 720p (1280 × 720); D1 (704 × 576); CIF (352 ×
Max. Aperture	F1.5	Video Resolution	288)
Aperture Type	P iris	Video Frame Rate	50 Hz: Maximum 50 fps; default main stream (1536 \times 2048@25 fps), sub stream (1600 \times 1200@25 fps)
Field of View	Horizontal: 12.8°–30.28° Vertical: 7.2°–16.96° Diagonal: 13.2°–30.9°	video frame nate	60 Hz: Maximum 60 fps; default main stream (1536 × 2048@30 fps), sub stream (1600 × 1200@30 fps)
Function		Video Bit Rate	H.264: 32 kbps–32767 kbps H.265: 32 kbps–32767 kbps MJPEG: 512 kbps–32767 kbps
Trigger Mode	Video detection; radar	Bit Rate Control	CBR; VBR
Speed Detection Range	0 km/h–300 km/h	White Balance	Auto; night; custom color temperature
OSD Overlay	Time, address, lane No., plate, plate color, and more	Edge Enhancement	Yes
Alarm Event	Storage full, storage error, external alarm, no storage card, license plate blocklist, illegal access, network disconnection, and IP conflict	HLC	Yes
Automatic Network	Platform and FTP (TF card is required)	BLC	Yes
Replenishment (ANR)		Bad Pixel Correction	Yes
Auto Registration	Yes	Gain Scope	0-100
Intelligence		image	
Target Detection	Motor vehicle; motorcycle	Composite Image	Supports combining up to 4 images into a composite image
Face Detection	Detects the driver and front-seat passenger of motor vehicles, and motorcycle drivers; extracts face images	Image Resolution	2048 (H) \times 1536 (V) (OSD black background is not calculated in the pixels)
ANPR	Adopts developed algorithms to recognize license plate numbers and letters	Image Encoding Format	JPEG
heavy truck medium truck van med	Vehicle head: SUV, Large bus, sedan, light truck, pickup, heavy truck, medium truck, van, medium bus, MPV	Image Tampering Prevention	Watermark and verification are available for videos and images
Vehicle Type Recognition			
Vehicle Type Recognition	Vehicle tail: SUV, large bus, sedan, light truck, pickup, heavy truck, medium truck, van	Network	
Vehicle Type Recognition Vehicle Color Recognition	Vehicle tail: SUV, large bus, sedan, light truck, pickup,	Network Network Port	2 RJ-45 Ethernet ports, 10/100/1000 M network transmission
	Vehicle tail: SUV, large bus, sedan, light truck, pickup, heavy truck, medium truck, van White, pink, black, red, yellow, gray, blue, green, orange,		
Vehicle Color Recognition Accuracy (Under recommended installation and lighting	Vehicle tail: SUV, large bus, sedan, light truck, pickup, heavy truck, medium truck, van White, pink, black, red, yellow, gray, blue, green, orange,	Network Port	transmission
Vehicle Color Recognition Accuracy (Under recommended	Vehicle tail: SUV, large bus, sedan, light truck, pickup, heavy truck, medium truck, van White, pink, black, red, yellow, gray, blue, green, orange, purple, brown, and silver gray Capture rate > 99%; LPR accuracy > 98%	Network Port SDK and API	transmission Yes Authorized username and password, MAC address
Vehicle Color Recognition Accuracy (Under recommended installation and lighting	Vehicle tail: SUV, large bus, sedan, light truck, pickup, heavy truck, medium truck, van White, pink, black, red, yellow, gray, blue, green, orange, purple, brown, and silver gray Capture rate > 99%; LPR accuracy > 98% Vehicle head mode: Acura, Alfaromeo, Ashokleyland, Astonmartin, Audi, Baic, Bently, Benz, BMW, Buick,	Network Port SDK and API Security	transmission Yes Authorized username and password, MAC address binding, HTTPS encryption, and network access control
Vehicle Color Recognition Accuracy (Under recommended installation and lighting	Vehicle tail: SUV, large bus, sedan, light truck, pickup, heavy truck, medium truck, van White, pink, black, red, yellow, gray, blue, green, orange, purple, brown, and silver gray Capture rate > 99%; LPR accuracy > 98% Vehicle head mode: Acura, Alfaromeo, Ashokleyland, Astonmartin, Audi, Baic, Bently, Benz, BMW, Buick, BYD, Cadillac, Chery, Chevrolet, Chrysler, Citroen, Dacia, Daihatsu, Datsun, Dodge, DS, Ferrari, Fiat, Force, Ford, Foton, Geely, GMC, Greatwall, Hino, Honda, Hyundai, Infiniti, Isuzu, Iveco, Jac, Jaguar, Jeep, Kia, Kinglong, Land, Lexus, Lifan, Lincoln, Mahindra, MAN, Maserati, Mazda, Mercury, MG, Mini, Mitsubishi, Nissan, Opel,	Network Port SDK and API Security Protocol	transmission Yes Authorized username and password, MAC address binding, HTTPS encryption, and network access control IPv4; IPv6; HTTP; TCP; IP; UDP; NTP; DHCP
Vehicle Color Recognition Accuracy (Under recommended installation and lighting conditions)	Vehicle tail: SUV, large bus, sedan, light truck, pickup, heavy truck, medium truck, van White, pink, black, red, yellow, gray, blue, green, orange, purple, brown, and silver gray Capture rate > 99%; LPR accuracy > 98% Vehicle head mode: Acura, Alfaromeo, Ashokleyland, Astonmartin, Audi, Baic, Bently, Benz, BMW, Buick, BYD, Cadillac, Chery, Chevrolet, Chrysler, Citroen, Dacia, Daihatsu, Datsun, Dodge, DS, Ferrari, Flat, Force, Ford, Foton, Geely, GMC, Greatwall, Hino, Honda, Hyundai, Infiniti, Isuzu, Iveco, Jac, Jaguar, Jeep, Kia, Kinglong, Land, Lexus, Lifan, Lincoln, Mahindra, MAN, Maserati, Mazda, Mercury, MG, Mini, Mitsubishi, Nissan, Opel, Peugeot, Porsche, Renault, Rollsroyce, Saab, Scania, Seat, Skoda, Smart, Subaru, Suzuki, Tata, Tesla, Toyota, UD,	Network Port SDK and API Security Protocol Interoperability	transmission Yes Authorized username and password, MAC address binding, HTTPS encryption, and network access control IPv4; IPv6; HTTP; TCP; IP; UDP; NTP; DHCP ONVIF (Profile S/Profile G/Profile T) Microsoft Edge IE: IE9—IE11 Chrome: Chrome 41 and earlier Firefox: Firefox 49 and earlier
Vehicle Color Recognition Accuracy (Under recommended installation and lighting conditions)	Vehicle tail: SUV, large bus, sedan, light truck, pickup, heavy truck, medium truck, van White, pink, black, red, yellow, gray, blue, green, orange, purple, brown, and silver gray Capture rate > 99%; LPR accuracy > 98% Vehicle head mode: Acura, Alfaromeo, Ashokleyland, Astonmartin, Audi, Baic, Bently, Benz, BMW, Buick, BYD, Cadillac, Chery, Chevrolet, Chrysler, Citroen, Dacia, Daihatsu, Datsun, Dodge, DS, Ferrari, Fiat, Force, Ford, Foton, Geely, GMC, Greatwall, Hino, Honda, Hyundai, Infinit, Isuzu, Iveco, Jac, Jaguar, Jeep, Kia, Kinglong, Land, Lexus, Lifan, Lincoln, Mahindra, MAN, Maserati, Mazda, Mercury, MG, Mini, Mitsubishi, Nissan, Opel, Peugeot, Porsche, Renault, Rollsroyce, Saab, Scania, Seat,	Network Port SDK and API Security Protocol Interoperability Browser	transmission Yes Authorized username and password, MAC address binding, HTTPS encryption, and network access control IPv4; IPv6; HTTP; TCP; IP; UDP; NTP; DHCP ONVIF (Profile S/Profile G/Profile T) Microsoft Edge IE: IE9–IE11 Chrome: Chrome 41 and earlier Firefox: Firefox 49 and earlier For Win 10 users, run the browser as administrator
Vehicle Color Recognition Accuracy (Under recommended installation and lighting conditions)	Vehicle tail: SUV, large bus, sedan, light truck, pickup, heavy truck, medium truck, van White, pink, black, red, yellow, gray, blue, green, orange, purple, brown, and silver gray Capture rate > 99%; LPR accuracy > 98% Vehicle head mode: Acura, Alfaromeo, Ashokleyland, Astonmartin, Audi, Baic, Bently, Benz, BMW, Buick, BYD, Cadillac, Chery, Chevrolet, Chrysler, Citroen, Dacia, Daihatsu, Datsun, Dodge, DS, Ferrari, Flat, Force, Ford, Foton, Geely, GMC, Greatwall, Hino, Honda, Hyundai, Infiniti, Isuzu, Iveco, Jac, Jaguar, Jeep, Kia, Kinglong, Land, Lexus, Lifan, Lincoln, Mahindra, MAN, Maserati, Mazda, Mercury, MG, Mini, Mitsubishi, Nissan, Opel, Peugeot, Porsche, Renault, Rollsroyce, Saab, Scania, Seat, Skoda, Smart, Subaru, Suzuki, Tata, Tesla, Toyota, UD,	Network Port SDK and API Security Protocol Interoperability Browser Positioning	transmission Yes Authorized username and password, MAC address binding, HTTPS encryption, and network access control IPv4; IPv6; HTTP; TCP; IP; UDP; NTP; DHCP ONVIF (Profile S/Profile G/Profile T) Microsoft Edge IE: IE9–IE11 Chrome: Chrome 41 and earlier Firefox: Firefox 49 and earlier For Win 10 users, run the browser as administrator GPS
Vehicle Color Recognition Accuracy (Under recommended installation and lighting conditions) Vehicle logo	Vehicle tail: SUV, large bus, sedan, light truck, pickup, heavy truck, medium truck, van White, pink, black, red, yellow, gray, blue, green, orange, purple, brown, and silver gray Capture rate > 99%; LPR accuracy > 98% Vehicle head mode: Acura, Alfaromeo, Ashokleyland, Astonmartin, Audi, Baic, Bently, Benz, BMW, Buick, BYD, Cadillac, Chery, Chevrolet, Chrysler, Citroen, Dacia, Daihatsu, Datsun, Dodge, DS, Ferrari, Fiat, Force, Ford, Foton, Geely, GMC, Greatwall, Hino, Honda, Hyundai, Infiniti, Isuzu, Iveco, Jac, Jaguar, Jeep, Kia, Kinglong, Land, Lexus, Lifan, Lincoln, Mahindra, MAN, Maserati, Mazda, Mercury, MG, Mini, Mitsubishi, Nissan, Opel, Peugeot, Porsche, Renault, Rollsroyce, Saab, Scania, Seat, Skoda, Smart, Subaru, Suzuki, Tata, Tesla, Toyota, UD, Volkswagen, Volvo ANPR mode: Wrong-way driving, speeding, driving slow,	Network Port SDK and API Security Protocol Interoperability Browser Positioning Time Synchronization	transmission Yes Authorized username and password, MAC address binding, HTTPS encryption, and network access control IPv4; IPv6; HTTP; TCP; IP; UDP; NTP; DHCP ONVIF (Profile S/Profile G/Profile T) Microsoft Edge IE: IE9—IE11 Chrome: Chrome 41 and earlier Firefox: Firefox 49 and earlier For Win 10 users, run the browser as administrator GPS
Vehicle Color Recognition Accuracy (Under recommended installation and lighting conditions) Vehicle logo Motor Vehicle Violation Snapshot Motorcycle vehicle	Vehicle tail: SUV, large bus, sedan, light truck, pickup, heavy truck, medium truck, van White, pink, black, red, yellow, gray, blue, green, orange, purple, brown, and silver gray Capture rate > 99%; LPR accuracy > 98% Vehicle head mode: Acura, Alfaromeo, Ashokleyland, Astonmartin, Audi, Baic, Bently, Benz, BMW, Buick, BYD, Cadillac, Chery, Chevrolet, Chrysler, Citroen, Dacia, Daihatsu, Datsun, Dodge, DS, Ferrari, Fiat, Force, Ford, Foton, Geely, GMC, Greatwall, Hino, Honda, Hyundai, Infiniti, Isuzu, Iveco, Jac, Jaguar, Jeep, Kia, Kinglong, Land, Lexus, Lifan, Lincoln, Mahindra, MAN, Maserati, Mazda, Mercury, MG, Mini, Mitsubishi, Nissan, Opel, Peugeot, Porsche, Renault, Rollsroyce, Saab, Scania, Seat, Skoda, Smart, Subaru, Suzuki, Tata, Tesla, Toyota, UD, Volkswagen, Volvo ANPR mode: Wrong-way driving, speeding, driving slow, crossing the solid white line, crossing the solid yellow line, illegal lane change, unfasten seat belt, calling while driving, smoking while driving	Network Port SDK and API Security Protocol Interoperability Browser Positioning Time Synchronization Port Storage Iris Control	transmission Yes Authorized username and password, MAC address binding, HTTPS encryption, and network access control IPv4; IPv6; HTTP; TCP; IP; UDP; NTP; DHCP ONVIF (Profile S/Profile G/Profile T) Microsoft Edge IE: IE9—IE11 Chrome: Chrome 41 and earlier Firefox: Firefox 49 and earlier For Win 10 users, run the browser as administrator GPS NTP; GPS 1, supports maximum 256 GB TF card local storage 1, connects to DC iris or P iris
Vehicle Color Recognition Accuracy (Under recommended installation and lighting conditions) Vehicle logo Motor Vehicle Violation Snapshot	Vehicle tail: SUV, large bus, sedan, light truck, pickup, heavy truck, medium truck, van White, pink, black, red, yellow, gray, blue, green, orange, purple, brown, and silver gray Capture rate > 99%; LPR accuracy > 98% Vehicle head mode: Acura, Alfaromeo, Ashokleyland, Astonmartin, Audi, Baic, Bently, Benz, BMW, Buick, BYD, Cadillac, Chery, Chevrolet, Chrysler, Citroen, Dacia, Daihatsu, Datsun, Dodge, DS, Ferrari, Fiat, Force, Ford, Foton, Geely, GMC, Greatwall, Hino, Honda, Hyundai, Infiniti, Isuzu, Iveco, Jac, Jaguar, Jeep, Kia, Kinglong, Land, Lexus, Lifan, Lincoln, Mahindra, MAN, Maserati, Mazda, Mercury, MG, Mini, Mitsubishi, Nissan, Opel, Peugeot, Porsche, Renault, Rollsroyce, Saab, Scania, Seat, Skoda, Smart, Subaru, Suzuki, Tata, Tesla, Toyota, UD, Volkswagen, Volvo ANPR mode: Wrong-way driving, speeding, driving slow, crossing the solid white line, crossing the solid yellow line, illegal lane change, unfasten seat belt, calling while driving, smoking while driving Captures traffic violations including carrying passenger, not wearing helmet, and wrong-way driving	Network Port SDK and API Security Protocol Interoperability Browser Positioning Time Synchronization Port Storage Iris Control Focus Control	transmission Yes Authorized username and password, MAC address binding, HTTPS encryption, and network access control IPv4; IPv6; HTTP; TCP; IP; UDP; NTP; DHCP ONVIF (Profile S/Profile G/Profile T) Microsoft Edge IE: IE9–IE11 Chrome: Chrome 41 and earlier Firefox: Firefox 49 and earlier For Win 10 users, run the browser as administrator GPS NTP; GPS 1, supports maximum 256 GB TF card local storage 1, connects to DC iris or P iris 1, connects to motorized vari-focal lens
Vehicle Color Recognition Accuracy (Under recommended installation and lighting conditions) Vehicle logo Motor Vehicle Violation Snapshot Motorcycle vehicle Violation Capture Traffic Flow Detection	Vehicle tail: SUV, large bus, sedan, light truck, pickup, heavy truck, medium truck, van White, pink, black, red, yellow, gray, blue, green, orange, purple, brown, and silver gray Capture rate > 99%; LPR accuracy > 98% Vehicle head mode: Acura, Alfaromeo, Ashokleyland, Astonmartin, Audi, Baic, Bently, Benz, BMW, Buick, BYD, Cadillac, Chery, Chevrolet, Chrysler, Citroen, Dacia, Daihatsu, Datsun, Dodge, DS, Ferrari, Fiat, Force, Ford, Foton, Geely, GMC, Greatwall, Hino, Honda, Hyundai, Infiniti, Isuzu, Iveco, Jac, Jaguar, Jeep, Kia, Kinglong, Land, Lexus, Lifan, Lincoln, Mahindra, MAN, Maserati, Mazda, Mercury, MG, Mini, Mitsubishi, Nissan, Opel, Peugeot, Porsche, Renault, Rollsroyce, Saab, Scania, Seat, Skoda, Smart, Subaru, Suzuki, Tata, Tesla, Toyota, UD, Volkswagen, Volvo ANPR mode: Wrong-way driving, speeding, driving slow, crossing the solid white line, crossing the solid yellow line, illegal lane change, unfasten seat belt, calling while driving, smoking while driving Captures traffic violations including carrying passenger, not wearing helmet, and wrong-way driving	Network Port SDK and API Security Protocol Interoperability Browser Positioning Time Synchronization Port Storage Iris Control	transmission Yes Authorized username and password, MAC address binding, HTTPS encryption, and network access control IPv4; IPv6; HTTP; TCP; IP; UDP; NTP; DHCP ONVIF (Profile S/Profile G/Profile T) Microsoft Edge IE: IE9-IE11 Chrome: Chrome 41 and earlier Firefox: Firefox 49 and earlier For Win 10 users, run the browser as administrator GPS NTP; GPS 1, supports maximum 256 GB TF card local storage 1, connects to DC iris or P iris 1, connects to motorized vari-focal lens 1, supports synchronizing the camera with the mains electricity
Vehicle Color Recognition Accuracy (Under recommended installation and lighting conditions) Vehicle logo Motor Vehicle Violation Snapshot Motorcycle vehicle Violation Capture	Vehicle tail: SUV, large bus, sedan, light truck, pickup, heavy truck, medium truck, van White, pink, black, red, yellow, gray, blue, green, orange, purple, brown, and silver gray Capture rate > 99%; LPR accuracy > 98% Vehicle head mode: Acura, Alfaromeo, Ashokleyland, Astonmartin, Audi, Baic, Bently, Benz, BMW, Buick, BYD, Cadillac, Chery, Chevrolet, Chrysler, Citroen, Dacia, Daihatsu, Datsun, Dodge, DS, Ferrari, Fiat, Force, Ford, Foton, Geely, GMC, Greatwall, Hino, Honda, Hyundai, Infiniti, Isuzu, Iveco, Jac, Jaguar, Jeep, Kia, Kinglong, Land, Lexus, Lifan, Lincoln, Mahindra, MAN, Maserati, Mazda, Mercury, MG, Mini, Mitsubishi, Nissan, Opel, Peugeot, Porsche, Renault, Rollsroyce, Saab, Scania, Seat, Skoda, Smart, Subaru, Suzuki, Tata, Tesla, Toyota, UD, Volkswagen, Volvo ANPR mode: Wrong-way driving, speeding, driving slow, crossing the solid white line, crossing the solid yellow line, illegal lane change, unfasten seat belt, calling while driving, smoking while driving Captures traffic violations including carrying passenger, not wearing helmet, and wrong-way driving Generates statistics on vehicle flow, queue length, average speed, lane occupancy, and more	Network Port SDK and API Security Protocol Interoperability Browser Positioning Time Synchronization Port Storage Iris Control Focus Control	transmission Yes Authorized username and password, MAC address binding, HTTPS encryption, and network access control IPv4; IPv6; HTTP; TCP; IP; UDP; NTP; DHCP ONVIF (Profile S/Profile G/Profile T) Microsoft Edge IE: IE9-IE11 Chrome: Chrome 41 and earlier Firefox: Firefox 49 and earlier For Win 10 users, run the browser as administrator GPS NTP; GPS 1, supports maximum 256 GB TF card local storage 1, connects to DC iris or P iris 1, connects to motorized vari-focal lens 1, supports synchronizing the camera with the mains

Professional Traffic Enforcement Camera Series | DHI-ITC352-AU3F-LZF1640

USB	2 USB 2.0 ports	
RS-485	2, connects to devices such as signal detector, radar, and more	
RS-232	4 (1 is used for serial debugging and 3 for connecting to radars)	
1/0	4, same functions as ALARM IN port	
Audio Input	1, 3.5 mm (0.14") jack	
Audio output	1, 3.5 mm (0.14") jack	
Alarm Input	4, same functions as I/O port	
Alarm Output	2 (AO1 is for relay output and AO2 for optocoupler output)	
Power Output	12 VDC ±10% voltage output, ≤ 1.5 A current output	

General

Power Supply	100-240 VAC, 50 Hz/60 Hz
Power Consumption	≤ 25 W
Operating Temperature	-40 °C to +65 °C (-40 °F to +149 °F)
Storage Temperature	-40 °C to +70 °C (-40 °F to +154 °F)
Operating Humidity	10%-90% (RH)
Storage Humidity	0%-90% (RH)
Protection	IP66, IK10
Certifications	CE: 4789630630-1, FCC: 4789630630-2
Product Dimensions	554.0 mm \times 204.2 mm \times 209.6 mm (21.81" \times 8.04" \times 8.25") (L \times W \times H)
Net Weight	4.6 kg (10.14 lb)
Gross Weight	6.6 kg (14.55 lb)
Installation	Center mount; Side mount

Ordering Information				
Туре	Model	Description		
AI Enforcement Camera	DHI-ITC352-AU3F- LZF1640	3MP all-in-one Al enforcement camera		
Accessories (Optional)	8019	3-dimensional universal mounting bracket (purchase separately)		
	3012	Side Mounting Bracket (purchase separately)		
	PFA150	Mounting Bracket (purchase separately)		

Accessories

Optional:



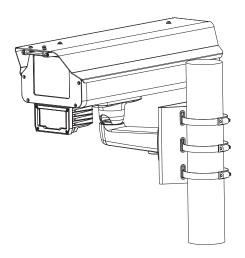
8019
3-dimensional universal mounting bracket (purchase separately)

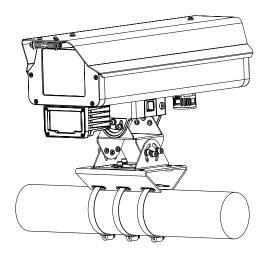


3012 Side Mounting Bracket (purchase separately)



Mounting
Bracket (purchase separately)





Dimensions (mm [inch])

