

**PRODUCT NAME**

**UC-PT843IM SERIES VEHICLE  
MOUNTED PTZ CAMERA**

**ORDER NUMBER**

**UC-PT843IM**

**APPLICATION**

It can be widely used in public security, electric power, fire fighting, armed police, maritime, railway, emergency, prison, and other fields of emergency handling and mobile deployment

**FOCUS ON MOBILE VIDEO AND PTZ CONTROL  
SOFTWARE AND HARDWARE SOLUTION PROVIDER**

**Features Description**

- Integrated structure design, protection grade up to **IP67**.
- Light weight design the whole PTZ camera **not exceed 6.5kg**
- Visible lens: **2MP 30x HD** camera, can clearly see vehicles and pedestrians 200 meters away
- Equip with **800 meters high power zoom infrared lighting**
- **360 degree continuous rotation**, support patrol, line scan, present position, park function, etc.
- Support **3D positioning function**, can accurately locate and monitor the selected screen.
- **TF card slot(optional)**, max support 256G
- **800m IR distance**
- Support **network /RS485 control**, support vehicle Keyboard controller for control
- **Magnetic composite suction cup design**
- **Shockproof design**, suitable for vehicle installation environment
- Ultra-wide voltage design, input voltage range supports **9-36V**.
- Equipped with a DC isolated wide-voltage input power supply module
- Support **AI function**, face capture recognition, human shape detection, human-vehicle license plate video structuring, etc. (optional)

**Video signal output by default: IP**

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## Features Description

|                                   |   |   |
|-----------------------------------|---|---|
| Protocol                          |   | ONVIF protocol, national standard GB28181<br>Support to provide the bottom layer, assist in development |
| Configuration<br>Videos<br>Browse | Configure                               | Network port  |
|                                   | WEB way                                 | Support (video can be browsed)  |
|                                   | PC Client                               | Support (video can be browsed)  |
| P/T Housing<br>Parameters         | Pan rotate range                        | 360° continuous rotation  |
|                                   | Tilt rotate range                       | -30°-90°  |
|                                   | PT Speed                                | Horizontal control speed 100%/s, vertical control speed 60%/s   |
|                                   | Preset                                  | 255x  |
|                                   | Patrol                                  | 4x  |
|                                   | Line scan                               | support   |
|                                   | Park action                             | support   |
| Infrared<br>light<br>parameters   | Work mode                               | CW continuous lighting  |
|                                   | Laser light<br>source power supply mode | constant current supply   |
|                                   | Central wavelength                      | 850±8nm   |
|                                   | Minimum angle of<br>light output        | 2°±0.2°   |
|                                   | Maximum angle of<br>light output        | 52°±2°  |
|                                   | Working hours                           | ≥20000 hours  |

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|                      |  |  |
|----------------------|--|--|
| Visible Lens         | Sensor   | 1/2.8" High Performance Low Light CMOS Sensor(IMX327)              |
|                      | Resolution   | 1080P(1920*1080 25/30f/s)  |
|                      | Optical zoom   | 30x (16X digital zoom)   |
|                      | Focal length   | F =4.7-141mm   |
|                      | Iris   | F1.6~F3.8  |
|                      | View angle   | Wide:65.2°×56.9°Tele:3.3°×2.9°                                     |
|                      | Illumination   | F1.6(W),50 IRE,0.05 lx(1/30s)IR-CUT On<br>0.005 lx(1/4s)IR-CUT Off |
|                      | Wide Dynamic   | DWDR   |
|                      | Day-night mode   | ICR filter switching   |
| Compression standard | H.264/H.265  |  |
| Bit rate             | 32Kbps-16Mbps  |  |
| Video stream         | Support dual stream, main stream (1080P; 960P;720P), sub stream (D1; VGA; CIF) |  |
| Video record         | Format   | ASF (with sound)   |
|                      | Supported resolution   | D1/720P/1080P(Default)   |
|                      | Video file length  | 10 minutes (default)   |
|                      | Frame rate   | 25/30 frames   |

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|                     |   |                        |
|---------------------|---|------------------------|
| Storage             | Single TF card, Max support 256G  |                        |
| Image capture       | Support resolution  | D1/720P/1080P(default) |
| Audio               | Audio input   | 1CH or optional        |
|                     | Compression standard  | G711                   |
|                     | Rate  | 16K,32K, 64K, 128K     |
| Alarm               | Input   | 1CH(Optional)          |
|                     | Output  | 1CH(Optional)          |
| Protection grade    | IP67  |                        |
| Working temperature | -30°~60°  |                        |
| Working humidity    | 0~95%,no condensation   |                        |
| Product dimension   | Φ162.6*267mm  |                        |
| Product weight      | No exceed 6.5Kg   |                        |
| Handle design       | support   |                        |
| Installation method | Magnetic suction cup, tripod mount, support bracket wall mount, ceiling mount, pole mount |                        |
| Event Trigger       | Yes   |                        |

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## Features Description

|                      |   |                                     |
|----------------------|---|-------------------------------------|
| Shockproof base      | Optional  |                                     |
| Interface cable port | LAN   | 1x                                  |
|                      | Charging interface  | Φ5.5*2.1                            |
|                      | Serial port   | RS485                               |
|                      | Audio interface   | 1CH                                 |
|                      | Alarm function  | Optional (standard version without) |
| Power consumption    | 10W, the maximum power consumption is less than 20W (open infrared) |                                     |
| Battery pack         | Optional (15x 18650)  |                                     |
| Power supply         | DC12.6V/5A  |                                     |
| Standard accessories | Cable with interface  | Standard                            |
|                      | Handle  | Standard                            |
|                      | Power supply  | DC12.6V 5A                          |
| Streaming Method     | Unicast   |                                     |
| Face Detection       | Yes   |                                     |
| Auto Tracking        | Yes   |                                     |
| Noise Reduction      | 2D/3D (Yes)   |                                     |

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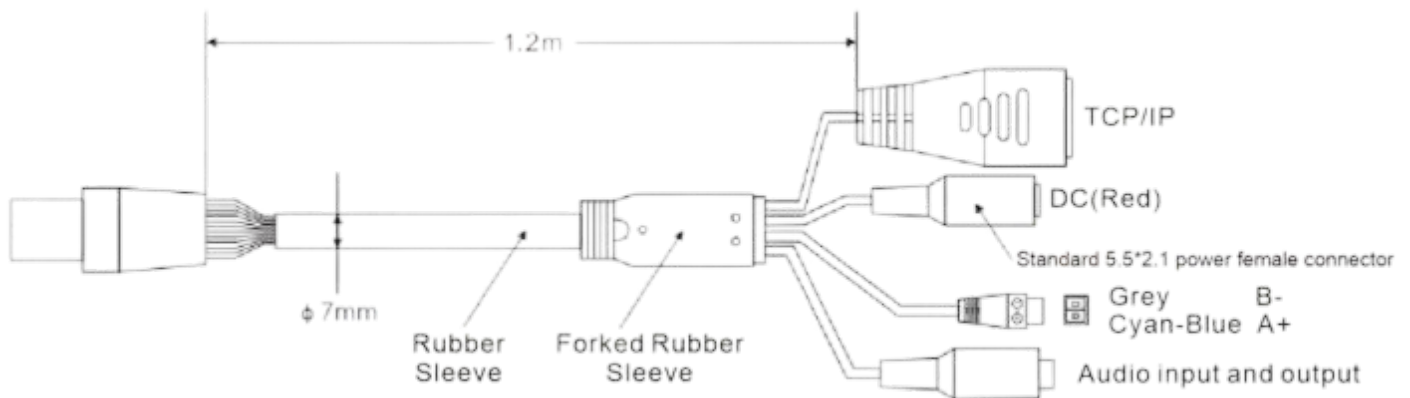
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## Product Cable Interface



## Product Dimension (unit:mm)

