

IP CCTV / Professional IP cameras / Hikvision / Bullet Cameras

# iDS-TCM403-GIR/POE/0832

HIKVISION



## Features

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- Hikvision
- SOLUTIONS range
- LPR IP traffic camera with speed radar
- 1/1.8" Progressive Scan CMOS
- 4 Megapixel (2688x1520)
- 8~32 mm Varifocal Motorised Lens
- 0 Lux
- IR Range 50 m
- IR Cut
- Compression H.265 / H.264
- 3 video streams for multiple uses
- License plate recognition up to 1 lane
- Classification of type, color, no license plate and vehicle address
- Accuracy >98%
- Supports motorcycle detection
- Recognition of up to 84 vehicle makes
- Speed radar up to 100Km/h
- Alarms
- WDR (140 dB)
- RJ45 10/100/1000M BaseT

- PoE+ IEEE802.3at
- Internal storage Micro SD card up to 512 GB
- Web interface, CMS, Smartphone & NVR
- ONVIF compatible
- Weatherproof IP67

## Specifications

|                              |                                                                                                                                                                                                                                                                           |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Brand                        | HIKVISION                                                                                                                                                                                                                                                                 |
| Range                        | SOLUTIONS                                                                                                                                                                                                                                                                 |
| Image sensor                 | 1/1.8" Progressive Scan CMOS                                                                                                                                                                                                                                              |
| Maximum resolution           | 4 Megapixel (2688x1520)                                                                                                                                                                                                                                                   |
| Main Stream rate             | 25 fps (2688×1520, 2560×1440, 1920×1080, 1280×720)                                                                                                                                                                                                                        |
| Extra Stream rate            | 25 fps (1920×1080, 1280×760, 704×576, 325×288)                                                                                                                                                                                                                            |
| Third Stream Rate            | 25 fps (1280×760, 704×576, 325×288)                                                                                                                                                                                                                                       |
| Compression                  | H.265 / H.264                                                                                                                                                                                                                                                             |
| Bitrate                      | 32 Kbps ~ 8 Mbps                                                                                                                                                                                                                                                          |
| Video output                 | Composite video output (for debugging only)                                                                                                                                                                                                                               |
| Lens                         | Motorized varifocal 8~32 mm F1.7 DC-IRIS Autofocus                                                                                                                                                                                                                        |
| Viewing Angle (FOV)          | H: 113.5~39°, V: 58.4~22.7°, D: 141.3°~44.3°                                                                                                                                                                                                                              |
| Minimum illumination         | Colour: 0.001 Lux @ (F1.2, AGC ON)<br>Black and White: 0 Lux with Infrared                                                                                                                                                                                                |
| Infrared lighting            | IR LEDs range 50 m                                                                                                                                                                                                                                                        |
| Shutter time                 | 1~1/100,000 s                                                                                                                                                                                                                                                             |
| Day / Night                  | Removable mechanical ICR filter                                                                                                                                                                                                                                           |
| Image improvements           | WDR (140 dB), BLC, HLC, 3D-DNR, AGC, AWB                                                                                                                                                                                                                                  |
| Motion Detection             | Yes                                                                                                                                                                                                                                                                       |
| License plate recognition    | Detection until in 1 lane<br>Classification of vehicles, color, vehicles without license plates, driving direction<br>Plate recognition rate ?98%<br>Capture range accuracy > 99%<br>Direction recognition accuracy >98.5%<br>Supports motorcycle license plate detection |
| Intelligent traffic function | Vehicle color: Red, yellow, blue, pink, purple, cyan, brown, white, gray and black<br>Type of vehicle: Car, Van, Bus, Truck, Light Truck, SUV, Pickup, Motorcycle and Tricycle<br>Brands: Up to 84 manufacturers<br>Detection range: 5 - 120 Km/h                         |

|                             |                                                                                                                                                                             |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Speed radar</b>          | Detection distance: 20 - 50 m<br>Velocity range: 10 - 100Km/h<br>Horizontal angle: $\pm 22^{\circ}$<br>Vertical angle: $\pm 10^{\circ}$<br>Detection accuracy: $\pm 2$ Km/h |
| <b>Alarms</b>               | 1 inputs / 1 relay                                                                                                                                                          |
| <b>Audio</b>                | 1 input / 1 output                                                                                                                                                          |
| <b>Audio type</b>           | Mono                                                                                                                                                                        |
| <b>Audio Compression</b>    | G.711/G.722.1                                                                                                                                                               |
| <b>Audio bit rate</b>       | 8 Kbps (G.711)/16 Kbps (G.722.1)                                                                                                                                            |
| <b>Internal memory</b>      | Slot for micro SD card up to 512 GB                                                                                                                                         |
| <b>Network interface</b>    | Ethernet 10/100/1000M BaseT                                                                                                                                                 |
| <b>Communication</b>        | 1 x RS-485 / Wiegand                                                                                                                                                        |
| <b>Remote access</b>        | Web Browser, Hik-Connect Smartphone App, PC Software iVMS-4200 and Hik-Central                                                                                              |
| <b>Operating system</b>     | Linux                                                                                                                                                                       |
| <b>Interoperability</b>     | ONVIF, ISAPI                                                                                                                                                                |
| <b>Power supply</b>         | DC 12 - 24V / 1250 mA / 15 W max. / PoE+ IEEE802.3at                                                                                                                        |
| <b>Degree of protection</b> | Weatherproof IP67                                                                                                                                                           |
| <b>Material</b>             | Aluminium alloy                                                                                                                                                             |
| <b>Temp. operation</b>      | -30° C ~ +70° C                                                                                                                                                             |
| <b>Dimensions</b>           | 184.4 (H) x 115.5 (W) x 298.6 (D) mm                                                                                                                                        |
| <b>Weight</b>               | 3000 g                                                                                                                                                                      |