

DUAL-LENS RADAR-ASSISTED

Smart Monitoring Camera

Capture wide scenes and details with precision



Double user perception with **two sensors**



Higher accuracy and adaptability with **radar-video fusion**



Full-structured analysis and **focused details** with dual lens detection

Zoom lens

Non-motor vehicle, motor vehicle

Fixed lens

Panoramic view
Non-motor vehicle, motor vehicle

Supplemental light

8 lights, range 40 m

Radar

Embedded high-frequency millimeter wave radar for working in all weather





Radar-video fusion

- Radar-video fusion brings robust performance even in **dark and severe weather** with higher accuracy
- Advanced radar-video fusion enables **long detection range** and simultaneous detection of **multiple targets**

Dual-lens perception

- Monitoring with **two lenses** enables a wider view of the **scene** and more **vehicle details**, providing full-structured analysis for better traffic management
- **Easy to install and PT adjustment**, suitable for a variety of scenarios



DS-TCM441-F(I)R

Sensors: 4MP 1/1.8" CMOS × 2

Lens/PT:
Channel 1: 10 ~ 50 mm, PT: ± 10°;
Channel 2: 8 mm, T: ± 15°

Power: DC 36 V ±20%

* IR light or white light optional

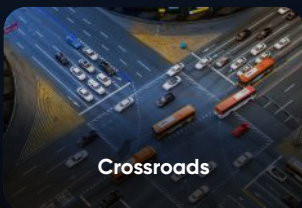
Working frequency: 79~81 GHz

Radar detection range: ±80 km/h

Radar detection distance: 50 m

Detection coverage up to 3 lanes

Protection level: IP66



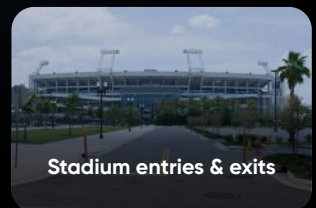
Crossroads



Factory gates



Urban roads



Stadium entries & exits



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