

HIKVISION®

# 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

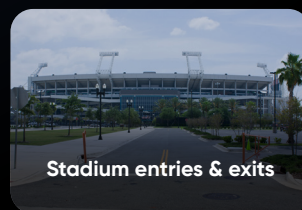
**Working frequency:** 79~81 GHz

**Radar detection range:** ±80 km/h

**Radar detection distance:** 50 m

**Detection coverage** up to 3 lanes

**Protection level:** IP66



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