HIKVISION®

TCV900
CHECKPOINT CAMERA
with DarkFighterX

Light pollution down, visibility up, safer road ensured

DarkFighterX

Uninterrupted monitoring in ultra-low light

Superior visibility for detailed traffic analysis

Greater efficiency in violation enforcement
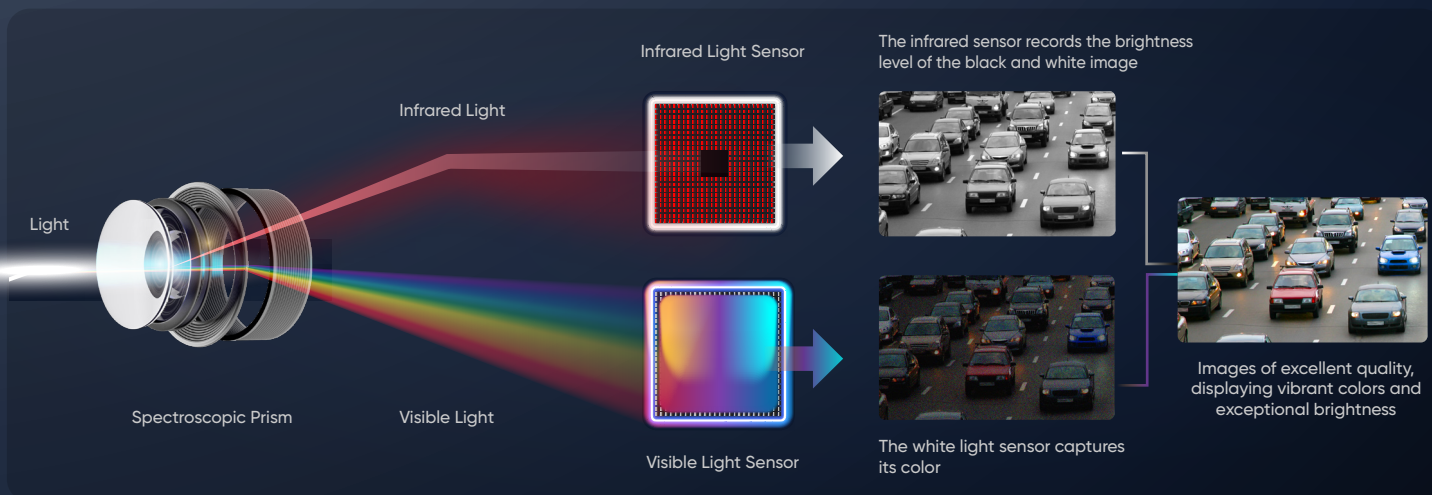
Efficient violation enforcement

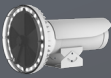Powerful AI capabilities including ANPR, detection of seatbelt and mobile phone usage, etc.,

Minimized impact of supplement light

The dual sensor's ability to detect invisible light, combined with LED light grating, reduces blinding flashes

Precise color rendering

Deep learning algorithms address color bias and headlight halo effects, improving image quality

Infrared Light Sensor

Infrared Light

The infrared sensor records the brightness level of the black and white image

Light

Spectroscopic Prism

Visible Light

Visible Light Sensor

The white light sensor captures its color

Images of excellent quality, displaying vibrant colors and exceptional brightness

Solution	White light solution		IR light solution
Capture unit models	iDS-TCV900-FEM/25	iDS-TCV900-FEMF/50	iDS-TCV900-BI(FM)/25/H1
Image Sensor	2 * 9MP (1" GMOS)		
Min. Illumination	Color: 0.0005Lux@(F1.4,AGC ON)		Color: 0.0005 Lux@(F1.4, AGCON),B/W: 0.00025 Lux@(F1.4, AGC ON)
Lens	25 mm/ 50 mm		25 mm
Coverage	2 to 3 lanes		
Protection Rating	IP54, IK10		IP67, IK10
Power Input	AC 100 to 240V, 0.9 A		AC 100 to 240V, 1.7A
Supplement light models	DS-TL3000B		DS-TL3000B-I
Light Type	Warm strobe light, white & IR double xenon lamp		IR strobe light, white & IR double xenon lamp
IR Wavelength	≥ 700nm		
Color Temperature	3000K (strobe light); 7000K (flash light)		
Service Life	≥ 50000 Hours (LED); ≥ 20 million Times (flash light)		
Coverage	Single lane		
Power Input	AC 220V ± 20%, 3.5A		