

**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

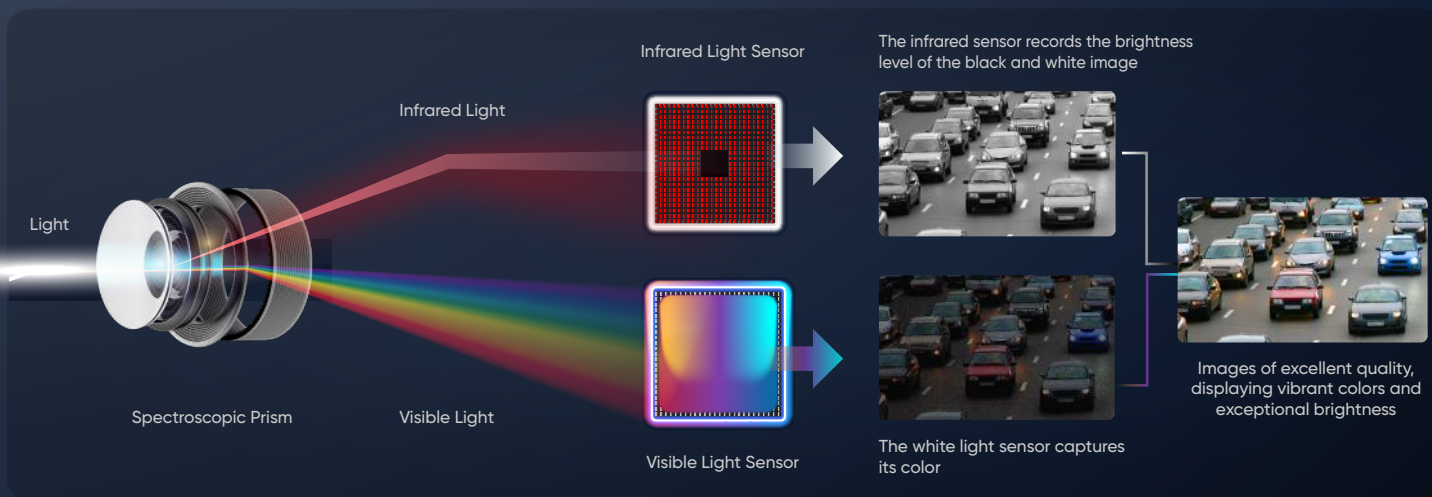
Powerful AI capabilities including ANPR, detection of seatbelt and mobile phone usage, etc.,




## 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



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		