

CP-UA-DSM1

Driver Monitoring Camera

- 1/4" 1MP CMOS image sensor(0.635cm)
- Max. Outputs 50 Hz(1280 × 720)@25fps, Max. Outputs 60 Hz (1280 × 720)@30fps
- IR Range of 3m.
- 2D/3D NR, BLC, HLC, AGC, IP54
- 9 V–16 VDC



System Overview

The advanced Mobile Camera Series by CP PLUS has been developed not just for efficient security of the vehicles but also to effectively monitor and manage driver behaviour on the go for safer driving experiences. The AI-enabled shock and vibration-proof cameras in the CP PLUS Mobile Camera Series offer both the Driver State Monitor (DSM) and Advanced Driver Assistance Systems (ADAS) features for improved vehicle safety. These devices improve safety and response times to possible threats through early warning and automated systems

Functions

Driver State Monitor (DSM)

DSM helps in identifying within seconds if a driver is falling asleep or is distracted and not paying attention to the road ahead due to smoking or calling. Through providing a rich array of driver assistance, situational awareness, and other autonomous driving features.



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Functions

Fatigue Driving Warning

Through constantly tracking their gestures, facial and eye movements, DSM can detect if the driver's eyes have been closed for more than 2 seconds or if the driver is yawning, indicating that the driver is feeling drowsy or sleepy and sends notifications immediately.

Distracted Driving Warning

Through sensors that detect the driver's activity, DSM will detect and report if the driver is calling or smoking and is thus distracted and not paying full attention to the road ahead.

About CP PLUS

The brand that is on its way to lead the world when it comes to the security and surveillance industry, CP PLUS, keeps bombarding the market with the most reliable range of products that have been designed carefully and methodically to automate the whole surveillance and security process, no matter how big your premises are.

It was the initiative to help the public in the area where they are the most vulnerable and to empower the sense of safety in our hearts that had conceptualized CP PLUS. And embarking on its mission to make the world a safer and more secure place has taken the brand's journey to unprecedented levels even when compared to international competitors.



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Feature	Specification
Image Sensor	1/4" 1MP CMOS image sensor(0.635cm)
Effective Pixels	1280 (H) × 720 (V)
Minimum Illumination	0.1 lux
Shutter Speed	NTSC: 1/30 s–1/10,000 s PAL: 1/25 s–1/10,000 s
Close Focus Distance	4 mm
Iris Type	Fixed
Max. Aperture	F1.4
Gain Control (AGC)	Auto
Back Light Compensation	BLC,HLC
Angle of View	H: 61.8° V: 37.5°
Resolution	1MP(1280 × 720)
Frame Rate	50 Hz: 1280 × 720@25 fps 60 Hz: 1280 × 720@30 fps
Noise Reduction	2D/3D NR
IR Control	Strobe
IR Distance	IR Range of 3Mtr.
IR Number	1 IR
Operating Temperature	–30°C to +70°C (–22°F to +158°F)
Humidity	< 90% (RH) (non-condensing)
Weatherproof Standard	IP54
Power Source	9 V–16 V DC

Feature	Specification
Power Consumption	< 2.5 W
Dimension	107.3 mm × 64.0 mm × 27.7 mm
Casing	Cover: Plastic, Rear: Metal
Weight	191.6 g

Company Name:

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