

DMS Driver Behavior Monitoring and Fatigue Detection System



—— Model No.: DMS51N ——

STONKAM CO., LTD

Add.: 101, Building 6, No.1 Ruihua Road, Tianhe District, Guangzhou Guangdong, P. R. China.

Tel.: +86 20 6667-0988 Fax.: +86 20 6667-0977

E-mail: sales@stonkam.com

Website: www.stonkam.com



Features

【Behavior & Alarm Detection】

Driver fatigue and distraction detection (including calling, smoking, seatbelt non-compliance, missing mask, drinking water, and driver absence), camera lens blockage, and infrared-blocking glass evasion detection.

【Identity Verification】

Driver facial recognition and authentication supporting up to 400 user profiles.

【All-Weather Operation】

Exceptional environmental adaptability for 24/7 continuous operation, unaffected by weather or lighting conditions.

【Wi-Fi Connectivity】

External Wi-Fi support for easy mobile hotspot connection and parameter configuration.

【Rugged & Durable Design】

IP65 waterproof, dustproof, and shockproof design for reliable outdoor operation.

【High Compatibility】

RJ45 Ethernet output with RTSP and ISO 17215 network protocol support for versatile system integration.

【Built-in LCD Display】

Real-time alarm monitoring directly on the device without external displays.

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Specification

Image Device	1/4" CMOS OV9281	
Frame Rate	25	30
Effective Pixels	1280 (H) x 720 (V)	
Pixel Size	3 μm x 3 μm	
Sync. System	Internal	
Resolution	720P	
Gamma Consumption	0.45	
AGC	Auto	
White Balance	Auto	
BLC	Auto	
Dynamic Range	81dB	
Electronic Shutter	1/30 (1/25) ~ 1/50,000 Seconds	
Operating Temperature	-20℃ ~ +70℃, RH95%Max.	
Storage Temperature	-30℃ ~ +80℃, RH95%Max.	
Minimum Illumination	0 Lux	
Power Supply	DC10 ~ 32V	
Power Consumption	6W ~ 7W	
Waterproof Rating	IP65	
Audio	Buzzer Alarm	
Viewing Angle	Horizon: 55° Vertical: 34°	
Heater	No	
Image Mode	☐ Mirror ☐ Normal ☒ Mirror/Normal Image Switch	

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