



Image for illustration purpose. Actual product might differ slightly.



0-870-22 DMS AI Camera

Durite's DMS IP camera, supports driver status monitoring: Phone call detection, Seat belt detection, Fatigue detection, Smoking detection and Distraction detection. Provides audio and visual alerts to remind driver the unsafe driving habits, keep improving the safety of the driver and vehicle. 1280 × 800 @ 20fps resolution, DMS intelligent algorithm localization, Supports the exposure of the central area of the face. Support strobe for infrared lamp power adjustment. Built-in audio input. Built-in G-sensor to automatically and flexibly adjust the horizontal and vertical changes of the image to adapt to the installation state. Suggested mounting: A-pillar side-mounted in vehicles. E Mark R10 EMC.

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WARNINGS

Before using this unit please read these instructions carefully. Take special care to follow the warnings and safety suggestions listed below. Keep these instructions for future reference. There are no user-serviceable parts within the unit, refer servicing to qualified service personnel.

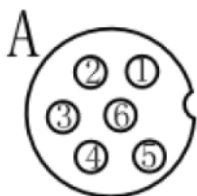
PRECAUTIONS

- Please ensure you are familiar and comply with local traffic and driving regulations.
- Connection - The camera should only be connected to a Durite cctv system.
- Heat - Do not install the camera near heat sources.
- Mounting - Ensure the camera is facing the desired direction before fixing the camera base. If fixing to isolated return chassis the camera bracket should be isolated from the vehicle chassis.
- Service - The user should not attempt to service these units beyond that described in these instructions. All other servicing should be referred to an authorised service technician.

GENERAL

The camera has a CMOS image sensor which gives a high quality picture and its solid state circuitry provides extremely long life. Compact size and single connection make it easy to install. Automatic gain control (AGC) provides a clear image in both strong sunlight and low light conditions. It is recommended that all camera lead connections are additionally sealed by either wrapping with a suitable tape or application of heat shrink sleeving. It is recommend to connect the system and test before fixing to ensure the correct field of view is displayed.

***Camera Connection Type: 6 PIN IPC**



1---TXN- 2---TXP+ 3---12DC(+)

4---RXN- 5---RXP+ 6---GND

TECHNICAL SPECIFICATIONS

Image sensor	1/4" 100Mp Global Shutter Sensor
Resolution	1280 x 800 pixels
Frame rate	20FPS
Viewing angle	3mm HFOV:70°, VFOV:42°, DFOV:85.8°
TV System	PAL
Video Compression	H264 / H265
Lens	3mm M12-type, fixed aperture, F1.7
S/N	≥48db
Min illumination	0 LUX with IR
Image mode	Normal
Power voltage	12VDC (9-18VDC)
Audio	YES
Waterproof rating	IP53
Power Consumption	<2.4W
Camera connector type	6PIN IPC
Operating temperature	-40°C ~ 70°C
Storage temperature	-40°C ~ 70°C
Weight	0.300Kg
Dimensions	Please see below
Certificate	E Marked R10 EMC

TECHNICAL DRAWING

*not to scale

