

DDC-200

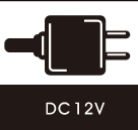


Facial Recognition Lens

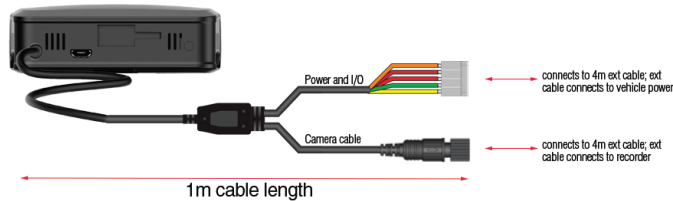
- Recognizes facial patterns and alerts drivers who are fatigued or distracted to help avoid accidents.
- Alarm I/O to trigger recording of the Video Lens on the SmartWitness recorder.

Video Recording Lens

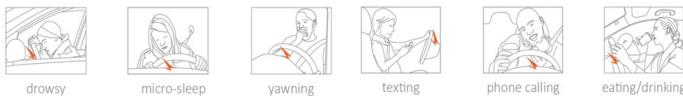
- 1/3" WDR Sony CMOS sensor
- 160° wide viewing angle
- 12 Infrared LEDs for night-time Recording
- 5~12V DC power range, video/power can directly connect to all SmartWitness recording systems



Cable



Alert Types



Alternative Views



Specifications

DDC-200	
Face Type	All, including glasses
Detection Scope	Face, Eyes, Mouth and Head Pose
Working Condition	Day & Night
Working Distance	Naked Eye: 65 -105cm (2.1' - 3.3') Glasses: 70 -100cm (2.3' - 3.3')
Fatigue Rate	99.2% @ naked eyes (97.4% @ glasses), 1.5 sec.
Distraction Rate	98.2% @ all, 3.0 sec.
Alarm Rate	BUZZ (or MUTE)
Input Power	DC 12-24V, 1A
Status Output	GPIO (Fixed Fly Cable)
Working Temperature	-20° C ~ +70° C
Dimensions	102mm x 44mm x 29mm 4.02" x 1.73" x 1.14"
Weight	Approx. 300g
Video Recording Lens	
Resolution	600 TV Line (Color)
Image Sensor	1/3" WDR CMOS Sensor
Total Pixel	728 (H) x 488 (V)
Effective Pixel	728 (H) x 488 (V)
Scanning System	Progressive
Min. Illumination	1.0 Lux
Video Output	CVBS (NTSC)
Electronic Shutter	Electronic Rolling Shutter
ASG	Auto
White Balance	ATW
DNR	2D
Lens	2.5MM / 2.8MM (0.09" x 0.11")
View Angle (D/H/V)	162°/117°/85°
Input Voltage	DC 5V ~ 12V
Power Consumption	50mA/DC 12V, 110 mA/DC5V
Operating Temperature	-10°C ~ +50°C (+14°F ~ +122°F)
Operating Humidity	Less than 90%