

# Driver Fatigue Camera

A driver fatigue camera with concise detection of driver fatigue state with audible alarms if driver is fatigued. Driver Fatigue camera works in conjunction with the Mobile NVR to record all driver fatigue warnings. Fatigue warning alarm can be routed to an external alarm to warn other people of driver fatigue.



## Specifications

|                     |                          |  |
|---------------------|--------------------------|--|
| Video               | Sensor                   | 1/3"CMOS 940nm IR sensor   |
|                     | Effective Pixels         | CVBS 700TVL (PAL:720×576; NTSC   |
|                     | Signal Standard          | Voltage: 1.0Vp-p, Input / Output Impedance: 75Ω                              |
|                     | Video Standard           | PAL Mode, NTSC Mode, factory selected  |
|                     | Image Transfer Rate      | 25 Frame / Sec PAL, 30 Frame / Sec NTSC                                      |
|                     | Low Light Sensitivity    | Best-in-class of 4500 mV / Lux-Sec   |
|                     | Infrared LED             | 940nm far-infrared invisible light   |
|                     | View Angle               | Horizontal 60degree, Vertical 30degree                                       |
| Warning & Reminders | System Base              | Vehicles start displacement / Vehicle launch at engine start                 |
|                     | Fatigue Driving Warning  | Audible Notification   |
|                     | Careless Driving Warning | Audible Notification   |
| Indicator Light     | Middle LED On Red        | When a driver is detected  |
|                     | Middle LED On Green      | When an operator has been identified and calibrated                          |
| Interface           | Power                    | DC 12V, Max power requirements: 4.0 Watt                                     |
|                     | Video                    | Aviation interface, Voltage:1.0Vp-p, Input / Output Impedance:75 Ω           |
|                     | Audio                    | Aviation interface, Voltage:2.0Vp-p, Input / Output Impedance:4.7KΩ / 1.0 KΩ |
|                     | Serial Port              | 1Ch RS232, Baud Rate = 20Kbps, +3~-+15V is 0, -3~-15V is 1                   |
|                     | Alarm I/O Signal         | 1Ch RS232 conversions Alarm I/O output                                       |
| Installation        | Installation Position    | Above the instrument panel, in a central position of the steering wheel      |
|                     | Installation Distance    | Max 75cm (The recommended range is 45~75cm)                                  |
|                     | Working Distance         | Optimal distance is 45cm - 75cm between camera on vehicle operator           |
| Size & Weight       | Frame Size               | L×W×H: 55×102×58 mm  |
|                     | Package Size             | L×W×H: 100×150×80 mm   |
|                     | Frame Weight             | 180g   |
|                     | Package Weight           | 550g   |

## Identification Zone

