



MiFleet Dash Cam Hardware Specifications



For more information, please visit our website www.MiFleet.us/support

Dash Cam Device Features



| Object Location | Object Description |
|-----------------|--|
| A | Base Fixing Screw |
| B | LED Status Light |
| C | Bluetooth / WIFI warehouse |
| D | Speaker |
| E | Lens Adjustment Screw (Exterior Camera View) |



| Object Location | Object Description |
|-----------------|----------------------------|
| F | Base of Camera |
| G | 3M Double-sided Tap Tape |
| H | Lens (Front Facing Camera) |

Dash Cam Device Features



| Object Location | Object Description |
|-----------------|----------------------------------|
| I | SIM Card and SD Card Panel |
| J | SIM Card and SD Card Panel Screw |
| K | Device USB Port |
| L | Device SIM Slot |
| M | Device SD Slot |

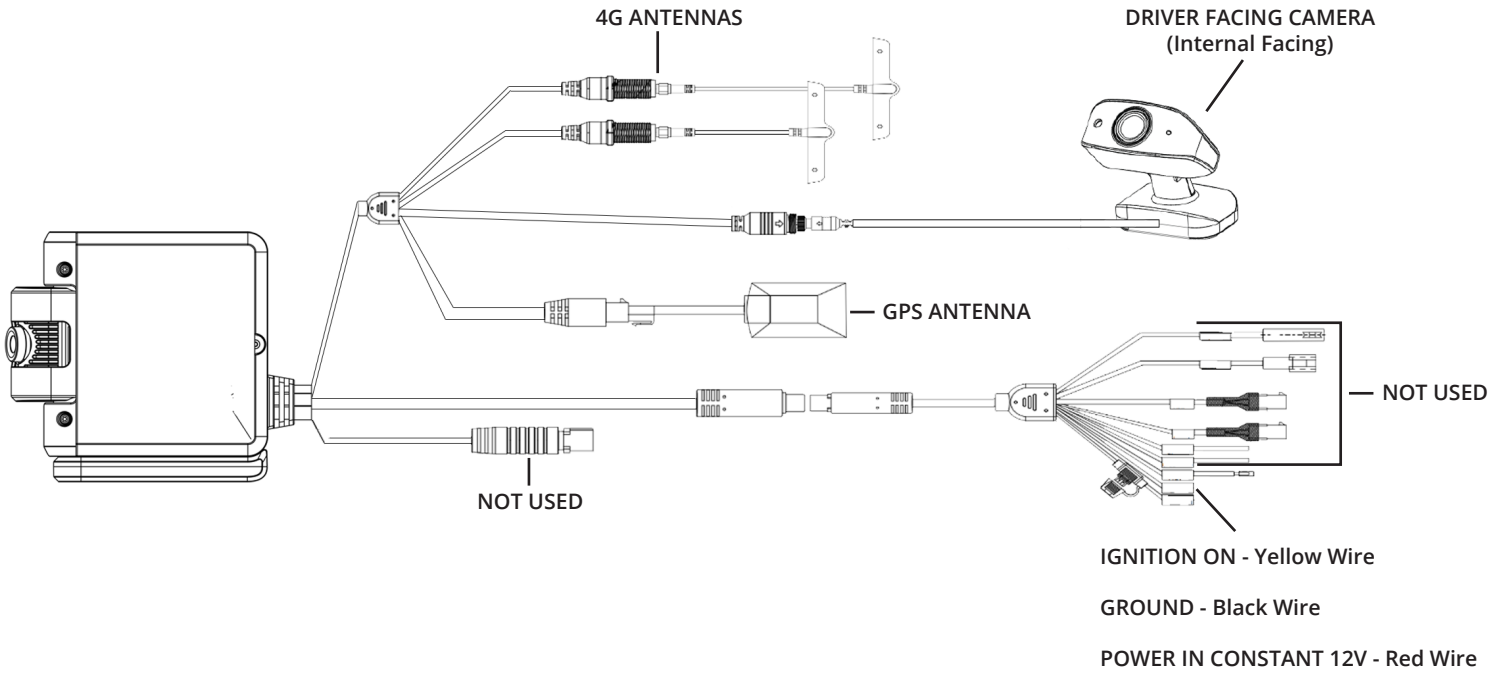


| Object Location | Object Description |
|-----------------|--------------------------------------|
| N | Microphone |
| O | Lens (Driver Facing Camera) |
| P | Photosensitive Area |
| Q | 3M Double-sided Tape for Mounting |
| R | Camera Base |
| S | Lens left and right adjustment screw |
| T | Lens up and down adjustment screw |

Dash Cam Specifications

| Device Item | Description | Specification | |
|-------------------------------|--|--|------------------------------|
| Network | WiFi | Support | |
| | Bluetooth | Support | |
| | 3G & 4G | Support | |
| Positioning | GPS / BD Dual Mode | Support | |
| Sensor | Six-axis Sensor | Support | |
| Taximeter Function | Vehicle Pulse Collection | Support | |
| Working Status | The indicator light shows the three states of function on the device: 1. Red Light on = Power On 2. Green Light On = Operating Normally 3. Red Flashing = Fault Alarm | | |
| Storage | SD Card | SD card supports 64G, 128G, 256G, supports hot plugging | |
| Video & Audio | Video & Audio Recording | 2 Video Channels 2 Audio Channels | |
| | Main stream resolution and frame rate | Driver facing camera = 720P @ 30fps Front facing camera = 1080P @ 30fps | |
| | Largest Resource | Main stream 1080P @ 30 frame + 720P @ 30 frame, 2 way sub-stream VGA @ 30 frame | |
| | Image Settings | Brightness, color, contrast, saturation, and sharpness adjustment | |
| | Video Coding | H.264 Baseline Profile / H.264 Main Profile Baseline | |
| | Video Compression Rate | Driver facing camera: 500Kbps ~ 6Mbps Front facing camera: 500Kbps ~ 6Mbps | |
| | Audio Compression Standard | G.711U / ADPCM | |
| | Audio Compression Rate | 4:1 | |
| | General Function | Heartbeat mechanism and multi-level user management | |
| | CBR / VBR | Support | |
| | Audio Input | Support | |
| | Built-in Speaker | Built-in speaker for broadcasting voice messages | |
| | Camera Parameters | Driver Facing Camera Sensor Type | 1/3" 1.23M Pixel CMOS sensor |
| | | Front Facing Camera Sensor Type | 1/2.9" 2M Pixel CMOS sensor |
| | | Shutter Speed | 1/30 sec - 1/1000000 sec |
| Lens | | Driver facing lens = 2.3mm Front facing lens = 4mm | |
| Lens Interface Type | | M12 | |
| Day and Night Conversion Mode | | Driver facing camera: supports this Front facing camera: does not support this | |
| Viewing | | Digital Wide | |
| Black-light Compensation | | Supports | |
| Signal to noise ratio S/N | | ≥48db | |
| Infrared Distance IR | | Driver facing camera = 3m Front facing camera = Not Supported | |
| Interface | RS232 | 2 | |
| | I/O Alarm | 2 with self test | |
| | Speed | 1 | |
| | Power Outlet | 5VDC @ 500mA and 12VDC @ 500mA | |
| Protocol | Network Protocol | HTTP, TCP, ARP, UDP, FTP, DHCP, DNS, IPV4, and NTP | |
| Power Related | Power Supply | 9 - 36V | |
| | Built-in Battery | Not Supported | |
| | Typical Power Consumption | 6W | |
| | Power Consumption | No more than 9W (standard application for two (2) cameras) | |
| General Specification | Operating Temperature | -30°C ~ +70°C | |
| | Storage Temperature | -40°C ~ +85°C | |
| | Humidity | 0% - 90% | |

Dash Cam Cable Interface



10PIN Cable Diagram:

Mini aviation female contact with 10P needle, black injection



Wiring diagram

| 10P male | Wiring | Wire Color |
|----------------|--------------------|---------------------|
| 8 | SENSOR IN3 | UL1007 20AWG GREEN |
| 9 | GND | UL1007 20AWG BLACK |
| 24AWG red 3 | 7.5A fuse POWER IN | UL1007 20AWG RED |
| 24AWG black 10 | GND | UL1007 20AWG BLACK |
| 6 | ACC | UL1007 20AWG YELLOW |
| 5 | 2 SENSOR IN2 | ALM 2 |
| 7 | 1 5V OUT | |
| 4 | 2 SENSOR IN1 | ALM 1 |
| 7 | 1 5V OUT | |
| 1 | SPEED GND | UL1007 20AWG BLACK |
| 2 | SPEED | UL1007 20AWG BLUE |

