

# THINKWARE DASH CAM



## F100

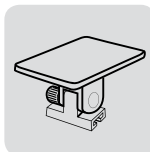
### Answer for Your Needs

As the smallest two-channel dash cam on the market, the **Thinkware F100 Dash Cam** is designed to answer all your needs in the simplest way: a premium quality camera, with a rear view camera for additional coverage.

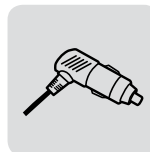
#### What's In the Box



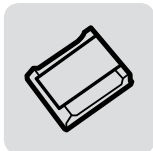
Dash Cam



Mount



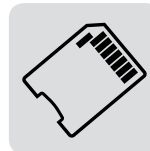
Power  
Charger



Cable  
Holder



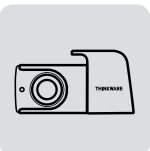
MicroSD  
Card



MicroSD Card  
Reader

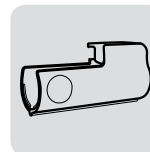


User Guide



Rear View Camera

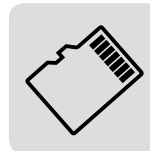
#### Optional Accessories



Anti-Tampering  
Case



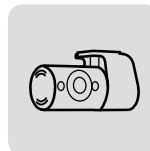
Hardwiring  
Cable



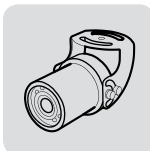
MicroSD Card  
(16/32/64GB)



External GPS  
Antenna



Interior  
IR Camera



External  
Rear View Camera



**THINKWARE DASH CAM™**

## | F100 | Key Features



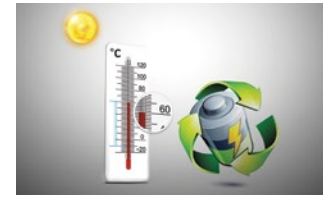
### Sony Exmor 1080p

1080p CMOS sensor with excellent exposure control and contrast for consistent day-and-night recording quality.



### Anti-File Corruption

Proprietary file management system eliminates data corruption and improves the reliability of the memory card.



### Integrated Thermal Protection

Integrated Super Capacitor and Thermal Sensor enhance reliability in extreme temperatures



### Rear View Camera <sup>2</sup>

720p Rear View Camera captures a clear view of the road



### External Rear View Camera <sup>2</sup>

720p External Rear View Camera designed to work with commercial trucks to capture a full view of the roads.



### Intelligent Parking Surveillance <sup>1</sup>

Enable motion and impact recording while the vehicle is off with the optional hardwiring installation.

<sup>1</sup> Optional accessory and installation required.

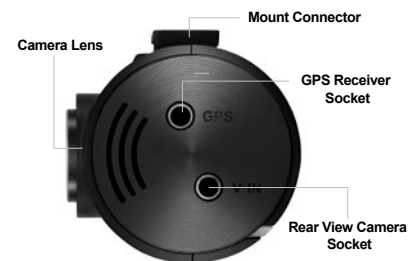
<sup>2</sup> Only one of Rear View Camera / Interior IR Camera / External Rear View Camera can be used at once.

## | F100 | Specification



Mount Connector

Camera Lens



Mount Connector

Camera Lens

GPS Receiver Socket

GPS

Rear View Camera Socket



DC-IN Socket

Microphone

Speaker

MicroSD Memory Card Slot

78 mm

REC Button



31.5 mm

31.5 mm

## Technical Specification

- **Resolution :**  
Front - 1080p Full HD (1920x1080p)  
Rear - 720p HD (1280 x 720p)
- **Camera :**  
Front - 2.12MP Sony Exmor CMOS  
Rear - 1.0MP CMOS
- **Frame Rate :** up to 30 fps
- **Viewing Angle :** 135° (Diagonal)
- **Dimensions(WxDxH) :**  
Front - 78 x 34 x 34.6 mm / 3.07 x 1.33 x 1.36 inch  
Rear - 61.1 x 25 x 30.5 mm / 2.41 x 1.2 x 0.98 inch
- **Weight :** Front - 44g, Rear - 25.5g
- **Storage Temperature :** -4~ 158°F / -20~ 70°C
- **Operating Temperature :** 14~ 140°F / -10~ 60°C
- **Video Codec :** MP4 (H.264) / Audio : PCM
- **Capacity :** MicroSD card 8/16/32/64 GB
- **Interface :** GPS port 1EA,  
Rear View Camera port 1EA
- **Input Power :** DC 12/24V
- **GPS :** External GPS Antenna [optional]