

THINKWARE DASH CAM™ F790



THINKWARE DASH CAM PLUGIN

Mounting Solution with a Sleek Design

A simple solution for mounting and dismounting your dash cam while maintaining a sense of sharpness and sleekness in design.



Secure Connecting Mechanism

The dash cam perfectly clips into Thinkware Dash Cam Plugin. It uses a connecting mechanism embedded within the connector cradle for a secure and safe connection.



Clean Integration of Cables

The power cable and GPS module are connected on Thinkware Dash Cam Plugin. This reduces the risk of overheating as the power connector is separated from the main unit.

Key Features



Ambarella Quad-Core CPU

The F790 has a powerful 1GHz Quad-Core CPU. Its low power consumption and processing power enable a small form factor, process multiple tasks and extend battery life.



2 Channel Full HD

Full HD 1080P front and rear cameras accurately record movement of any objects approaching the vehicle from both ends.



High Dynamic Range

HDR multi-exposure captures maximum image detail in high contrast scenes and corrects exposure levels depending on the subject. Thus optimizing the color of video footage even in the dark.



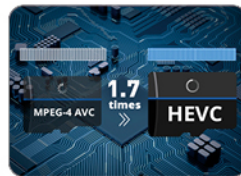
Super Night Vision 3.0

The combination of low-light recording technology and HDR improves night time performance both in continuous and parking recording modes.



Dewarping Video Technology

Dewarping technology allows the F790's front camera to deliver a close-to-real picture of the vehicle's front view with minimal distortion.



HEVC Format

HEVC (High-Efficiency Video Coding) format compresses high-resolution videos by streaming at low bit rates. It can compress 1.7 times higher than the Advanced Video Coding format.



Energy Saving Mode 2.0

Power consumption is minimized to stay up to 17.5 days (420 hours) in parking mode.
* Based on 4,500mAh battery



Dual Band Wi-Fi (2.4GHz/5GHz)

Connect the dash cam with Android or iOS devices. Select between 2.4GHz and 5GHz for the best connectivity experience in different environments.

Specification Detail



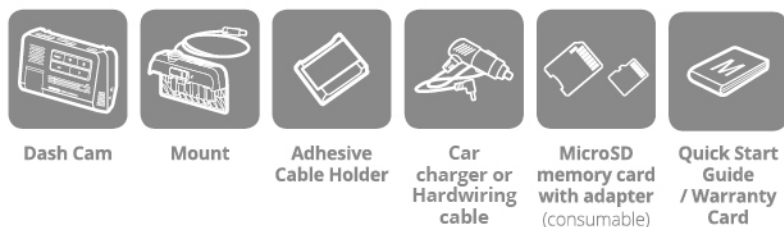
Technical Specification

- **Resolution :**
Front : Full HD 1080P (1920 X 1080)
Rear : Full HD 1080P (1920 X 1080)
- **Camera(Image Sensor) :**
CMOS 2.1M
- **Frame Rate :**
30fps
- **Viewing Angle :**
Front : 140° (Diagonal)
Rear : 160° (Diagonal)
- **Dimensions (WxDxH) :**
92 x 53.3 x 29.7 mm (3.6*2.1*1.16 inch),
Including Cradle Mount 92 x 71.4 x 34.4 mm
- **Weight :** 77.6g (0.17lbs)
Including Cradle Mount (169.4g)
- **Storage Temperature :**
-20° to 70°C (-4° to 158°F)
- **Operating Temperature :**
-10° to 60°C (14° to 140°F)
- **Capacity :** Micro SD Card
16GB/32GB/64GB/128GB UHS-I
- **Interface :**
GPS Receiver port, DC-IN,
AV-in, Micro SD Card Slot.
- **Input Power :**
DC 12/24V Built-in Super Capacitor
- **GPS :** Built-in GPS

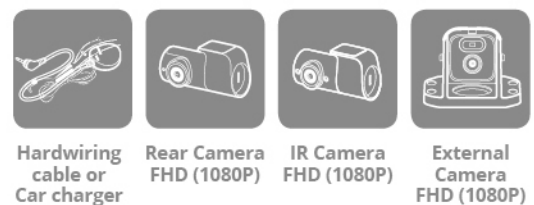
Recording Time

Video Quality		Full HD 30fps	Full HD + Full HD 30fps
Capacity	16GB	180 min	90 min
	32GB	377 min	188 min
	64GB	752 min	376 min
	128GB	1,506 min	753 min

What's in the Box



Optional Accessories



THINKWARE DASH CAM™