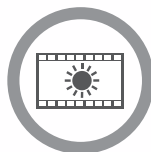# QVIA
AR790 – S

ADAS 3.0
(Advanced Driver Assistance System)
-FCMD (Front Car Moving Detection)
-LDWS(Lane Departure Warning System)
-FCWS(Forward Collision Warning System)

Wi-Fi Support
(Android & iOS)

2nd Monitor for ADAS
Displays LDWS & FCWS Info
GPS, Speed, RPM, Brake,
Turn Signal Info

Qvia Night Vision

Time Lapse

Vibrator
Alerts the Driver of
LDWS & FCWS activation

HIGHLIGHTS

Super HD
2304X1296p

2-Channel Super HD + Full HD
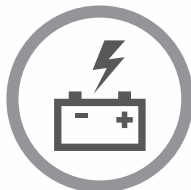Front : 2304x1296p (30fps)
Rear : 1920x1080p (30fps)

Sony Starvis Image Sensor
on Front Cam

Dual OS
App : Android & iOS
PC Viewer : Windows & Mac

Built-in Dual Band GPS
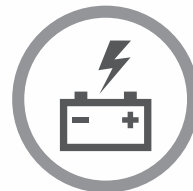**(GPS + Glonass)**

Multi-booting System
(ON-ACC-OFF)

21 Languages
Voice Guidance Support

WDR (Wide Dynamic Range)

Built-in Low-voltage
Cut-off Function

Battery Discharge Prevention

AR790 – S
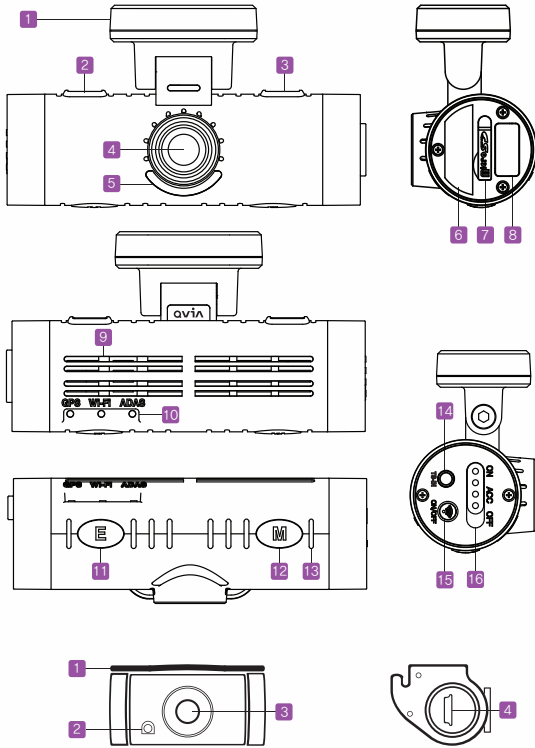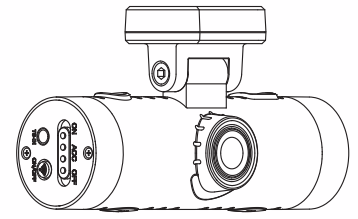
	Name	Function
1	Stand & GPS(Built–in)	Attach this part on the windshield & Receives GPS info
2	DC–IN	Supplies power to dash cam through power connection.
3	CAM–IN	Rear camera input connection
4	Camera Lens	Video signal input (CMOS Digital Sensor)
5	Security LED	Displays device operational status. Visually indicates that the vehicle is equipped with dash cam.
6	S/N Label	Device model name & serial number
7	microSD Slot	For inserting & removing a microSD card
8	Wi-Fi	Wi-Fi Dongle
9	Speaker	Audio output
10	LED	LED lights for GPS, Wi-Fi, ADAS
11	Emergency Recording (E) Button	Emergency Recording upon pressing the button Turn on Wi-Fi upon pressing the button for 3 seconds.
12	Audio Recording (M) Button	– Press longer than 3 sec : Initiate ADAS Calibration – Press shorter than 2 sec : Voice Recording ON/OFF
13	MIC	Voice signal input
14	TS–IN	Connects T/S cable
15	Wi–Fi Button	Wi–Fi ON/OFF button (Wi-Fi can be connected in Driving Mode)
16	Power Switch	Device power supply switch (ON/ACC/OFF)

	Name	Function
1	Stand	Attach this part on the rear window
2	Security LED	Displays device operational status. Visually indicates that the vehicle is equipped with dash cam.
3	Camera Lens	Video signal input
4	Cable Connection	Front/Rear connection cable terminal

Item	Specifications	Remark
Camera	Front Cam: Super HD Dedicated 5.48M Effective Pixel Sony Exmor R STARVIS, 1/2.9(inch) Rear Cam: Full HD Dedicated 2.1M Effective Pixel SONY Sensor, 1/2.9(inch)	
Viewing Angle	Front Cam: Diagonally – Approx. 130° / Effective Angle : Horizontally – Approx.103°, Vertically – Approx. 53° Rear Cam: Diagonally – Approx. 135° / Effective Angle : Horizontally – Approx. 105°, Vertically – Approx. 54°	
Recording Resolution & Frame	Front Cam: 2304x1296p (Super HD), 30fps Rear Cam: 1920 X 1080p (Digital Full HD), 30fps	
Wi-Fi	802.11b/g/n (2.4~2.4835 GHz)	
Video File Format	MP4(MPEG)	
Gravity Sensor	Built–in 3–axis Gravity Sensor (Impact, Sudden braking, Sudden starting)	
GPS	Dual Band(GPS+Glonass)	
Storage Media	microSD : microSDHC / microSDXC (Standard 16GB, Max. 512GB)	
Viewer Program	Qvia Viewer / Other Media Players	
Audio	Built–in Speaker and Microphone	
Power & Current Consumption	Power : DC 10V ~ 24V Current Consumption: 295mA (13.4V), Within 4W	Type B (GPS Included)
Low–Voltage Cut–Off	Set time and voltage level for device shutoff. Supports Multi–Booting System (ON/ACC/OFF)	
Operating & Storage Temperature	Operating Temperatures: −30℃ ~70℃ (−22℉~158℉) Storage Temperatures: −40℃ ~80℃ (−40℉~176℉)	
Size/Weight	Front Cam:109.9 X 61.85 X 38.3mm , 82g / Rear Cam:50 X 26 X 31mm, 25g	

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