

Active Warning AVN System



PDS

Pedestrian Detection System

Identify and detect a pedestrian who is in front of vehicle



LDWS

Lane Departure Warning System

Warning the driver when the vehicle begins to move out of its lane



FCWS

Forward Collision Warning System

Warning the drive in critical situations before a collision happening



4K Driving Recorder

Support 4K input when one camera installed or support 1080P input with two cameras



Multimedia Support



BT



Wi-Fi



Radio



CD Player





Active Warning AVN System Structure



Specification

AVN specification	
CPU	Qualcomm Snapdragon
Display	6.95" WVGA with Touch Panel
Back up current	≤ 3mA
Navigation	GPS/GNSS
Wi-Fi	802.11 a/b/g/n
Bluetooth	BT 4.1
Radio	AM/FM
LVDS output	Cluster instrument display
Camera in	4K w/ 1 camera, 1080P w/ 2 camera
Video in	CVBS in x 1
Audio system	4-channel audio system with EQ
3G/LTE	Via USB dongle
CAN interface	Option

Camera specification	
Resolution	Up to 4K
Interface	CSI /sub-LVDS
HFOV	>150 deg
Lens F/No.	< 2.2
Waterproof	IP67

Software specification	
OS	Android 6.0 /Linux
Navigation	Yes (Depends on customer)
DVR control	Yes
ADAS App	Option (PDS, LDWS, FCWS)

