

► Overview

Rear View Camera

Rear View Cameras (also known as backup or reversing cameras) are a special type of video camera that is produced specifically for the purpose of being attached to the rear of a vehicle to aid while reversing and by alleviating the rear blind spot.

TOF Camera

Facial Recognition Cameras are based on TOF (time of flight) technology and is capable of uniquely identifying or verifying a persons facial features.

This kind of camera system is often used for entry systems, door lock/unlock at the B-pillar of a vehicle, or other security purposes.



DSM Camera

Driver status monitoring (DSM) is a kind of driving auxiliary warning system that is based on camera technology using IR to detect and inform a driver's status, e.g. drowsiness, distraction, fatigue, etc.

► Specifications

Rear View Camera <1M>		
Classification	Item	Spec
Image Sensor	Image sensor	ISX019-AAQV-W
	Pixel Size	2.9 um
	Resolution(Active)	1280 x 720
	Optic Size	1/3.8"
	Frame Rate	30fps / 60fps
Optical	F.O.V (°)	136.1°(H) x 106.8°(V) x 163.1°(D)
	F/#	2.4
	Element	2G2GM2P
	Relative Illumination	55.70%
	TTL (mm)	13.8 mm
Power	Input Voltage	DC 6.5±0.5V
Temp.	Operating Temp	-30 C ~ 75 °C
	Storage Temp	-40 C ~ 85 °C
Interface	LVDS	Coaxial(POC)
Size (mm)		22.0 x 22.0 x 38.25 mm

Rear View Camera <2M>		
Classification	Item	Spec
Image Sensor	Image sensor	IMX390CQV-W
	Pixel Size	3.0 um
	Resolution(Active)	1920 x 1080
	Optic Size	1/2.7"
	Frame Rate	60fps
Optical	F.O.V (°)	45.3°(H) / 25.8(V)
	F/#	2
	Element	1GM4G
	Relative Illumination	79%
	TTL (mm)	13.0 mm
Power	Input Voltage	DC 6.5±0.5V
Temp.	Operating Temp	-30 C ~ 75 °C
	Storage Temp	-40 C ~ 85 °C
Interface	LVDS	Coaxial(POC)
Size (mm)		25.0 x 25.0 x 32.29 mm

TOF Camera		
Classification	Item	Spec
Image Sensor	Image sensor	MLX75024
	Pixel Size	15um
	Resolution(Active)	320 x 240
	Optic Size	1/3"
	Frame Rate	60 fps
Optical	F.O.V (°)	H : 73.8° V : 54.3° D : 95.0°
	F/#	1.1
	Element	1G2P
	Relative Illumination	72.4
	TTL (mm)	30.78 mm
Power	Input Voltage	DC12V±0.5V
Temp.	Operating Temp	-30 C ~ 75 °C
	Storage Temp	-40 C ~ 85 °C
Interface	LVDS	HSD
Size (mm)		84.0 x 84.0 x 32.0 mm

DSM Camera		
Classification	Item	Spec
Image Sensor	Image sensor	VG5761
	Pixel Size	3.2um
	Resolution(Active)	1944 x 1204
	Optic Size	1/2.5"
	Frame Rate	30fps
Optical	F.O.V (°)	66.7°(H) / 40.0°(V) / 81.9°(V)
	F/#	1.8
	Element	1GM5G
	Relative Illumination	50.50%
	TTL (mm)	18.9 mm
Power	Input Voltage	DC12V±0.5V
Temp.	Operating Temp	-30 C ~ 75 °C
	Storage Temp	-40 C ~ 85 °C
Interface	LVDS	HSD
Size (mm)		134.98 x 19.43 x 40.36 mm