



ADAS XEYE AXE-01

Powered by Mobileye



Forward Collision Warning (FCW)



Urban Forward Collision Warning (UFCW)



Pedestrian Collision Warning (PCW)



Lane Departure Warning (LDW)



Headway Monitoring and Warning (HMW)

Wieson ADAS XEYE system is providing alert for the driver in the potentially dangerous situation. The driver can take action to correct it to prevent of any collision or damage.

The ADAS XEYE provides comprehensive functions: Forward Collision Warning (FCW), Urban Forward Collision Warning (UFCW), Pedestrian Collision Warning (PCW), Lane Departure Warning (LDW), and Headway Monitoring and warning (HMW). The ADAS XEYE is designed for passenger cars, commercial vehicles, buses, trucks, heavy vehicles..... etc. based on a single camera mounted on the front windshield. It offers numerous life-saving warnings, protecting the driver against the distraction.



Wieson Automotive Co., LTD.
E-Mail : sales_auto@wieson.com
Website : www.wieson-auto.com



Features:

- Forward Collision Warning (FCW)

- Define : $30\text{km/hr} \leq \text{Speed} \leq 200\text{km/hr}$, 2.7 sec before the collision
- Alert: Series of loud, high-pitched sounds with Indicator continually blink
- Condition : The FCW function will continual active after enable. It cannot be suspended

- Urban Forward Collision Warning (UFCW)

- Active: $0\text{km/hr} < \text{Speed} < 30\text{km/hr}$, 2.7 sec before the collision
- Alert: High-pitched sounds with twice shortly loud with indicator flash twice
- Condition : The UFCW function will continual active after enable. It cannot be suspended

- Pedestrian Collision Warning (PCW)

- Active: $7\text{km/hr} < \text{speed} < 50\text{km/hr}$, a possible collision to pedestrian ahead.
- Alert: 2 series of loud, high-pitched sounds with indicator blink twice.
- Condition: The PCW will not active during night-time or dark environment or speed over 50 km/ hr

- Lane Departure Warning (LDW)

- Active: Speed $> 65\text{ km/hr}$ when driver unintentional departure from the driving lane w/o turn signals.
- Alert: A series of sharp warning beeps with indicator continually flashes.
- Condition: LDW function will not be active with lanes un-marked or poorly marked

Specifications	
Appearance	
Dimension	122 (L)*79 (W)*45.5(H) mm
Weight	450 g (with cable)
Cable Length	3 Meters
Camera Specification	
Sensor	1/3" RCC
Pixel Size	6.0 0 μm ×6.0 μm
HDR	>55dB Linear >100dB (HDR) Mode
Responsivity	4.8V / lux sec (550nm)
FoV	38° (Horizontal)
Focal Length	5M ~ ∞
Power	
Input Voltage	12 ~ 28 VDC
Current	12V @ 220 mA, 24 V @ 120 mA
Environmental	
Operating temperature	-40°C to +85°C
Storage temperature	-40°C to +105°C

- Headway Monitoring and warning (HMW)

- Active: Speed $\geq 30\text{km/hr}$ when vehicle front with dangerously short distance.
- Alert: A single chime with indicators scintillation once.
- Condition: The HMW function will be active with speed over 30 km/h



Wieson Automotive Co., LTD.
E-Mail : sales_auto@wieson.com
Website : www.wieson-auto.com



OFFICIAL DISTRIBUTOR