

Perfect Vision

TAG & NON-Tag Based COMBO PWAS



Functionality Description:
















The system is based on 24Ghz MMW radar and 2.4Ghz RF spectrum with dual functionality suitable for long vehicles it can sense the tag and any object in the defined range.

The combo device is capable to detect more than 1 tag with obstacle detection simultaneously and log the information with timestamps and alert the operator.

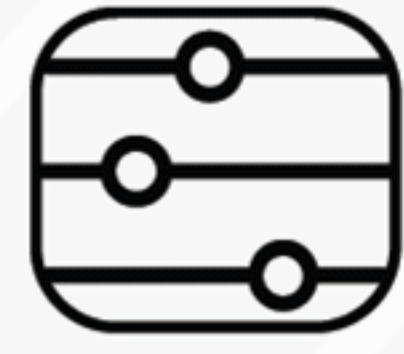
Installation Procedure:

- Mount the main controller to a horizontal or vertical position at any suitable position in the cabin
- Mount Sensor behind the equipment at proper sensing position.
- Connect Sensor and main controller with provided 10m Aviation Cable.
- Connect the power cable to the ACC signal wire.
- Mount the Monitor to any proper visual point which is not affecting the driving vision.
- Connect power connection to the ACC signal wire.
- Connect Aviation cable connector with LCD monitor Channel input.
- Mount Camera to the user assigned location.
- Adjust the angle for a clear vision.

Device Features & Specifications:

 Data logger with 1 Million Event Record	 User-Defined Detection Range (7m to 15m)	 IP68 Robust Covering with operating Temperature of 90 Degree C
 SBC based integrated System	 USB Slot for easy access of data	 Front and Rear Camera with IP69K rated with -20C to 80C Operating temperature
 24GHz MMW radar	 Mobile Application for Range Update and Data Download	 10-inch AHD Quad LCD Monitor
 Controlled Beam Pattern	 Power Input (12VDC to 60VDC)	 3 Employee Tag with Battery Life 3 to 5 year
 Inbuilt Antenna (2.4Ghz RF range)	 Equipment Assigned Tag (optional)	 360 Degree Area Coverage

Technical Specifications:



Parameter	Details
1 RF Frequency	2.4GHz
2 RSSI	24 to 50 (Depend on Detection Range)
3 Radar Frequency	24GHz MMW
4 Sensing Range	1m to 15m
5 Power Input	12VDC to 60VDC
6 Operating Temperature	-30 C to 80 C
7 Power Indicator LED	Yes
8 Reverse Voltage Protection	Yes
9 Buzzer	Yes (Adjustable max 85db)
10 BLE	4.2
11 WIFI	IEEE 802.11 b/g/n/ac wireless
12 Housing Material	PVC
13 Dimensions	170mm x 120mm x 43mm
14 Protection Class	IP68
15 Sensor Interface	4 Pin Aviation Connector

Package Contain

