# Make Driving Safer

*ThermalTronix* **TT-VIEX-A**   IMAGING DRIVING ASSISTANCE SYSTEM

## DALI OWN SAFETY AND RELIABLE DETECTOR

Military class,
Well Perform in all range,steadily output image
Uncooled Micro-bolometer,
Competitive price.

## POWERFUL FUNCTIONS

Detect objects in total darkness, dust and smoke,anti-glare
Automatically detect person and trigger alarm
Automatically detect vehicle and trigger alarm
Automatically clear frost

## EASY INSTALLATION

Special connector for car, convenient installation,
simple and modular design, easy to repair

## STABILIZED AND SHARP IMAGE

$384 \times 288$ Pixels,
Full real-time display,
Anti-Shake technology, image keeps stability on rough road,
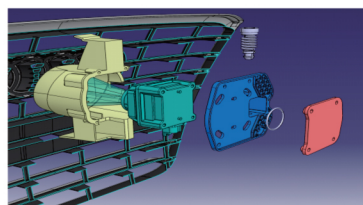Wide field of view($24° \times 18°$ ).

TT-VIEX-A | Normal visual

Night

TT-VIEX-A | Normal visual

Glare environment

TT-VIEX-A | Normal visual

Fog and haze

Installation

Interface

## Range Performance :

performance depending on meteorological conditions

Detection: 800m
Recognition: 400m

Car ( 2.3m × 2.3m )

Detection: 680m
Recognition: 200m

Human ( 1.8m × 0.5m )
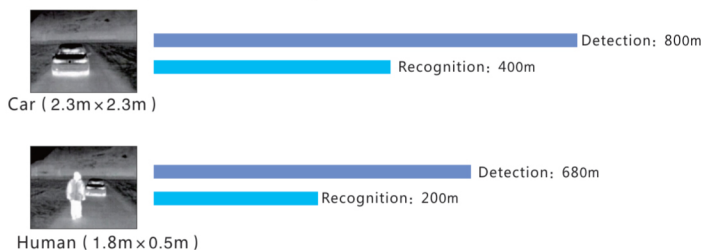
## Parameter

| Item | TT-VIEX-A |
|------|-----------|
| Detector type | Uncooled FPA microbolometer |
| Array size | 384×288 |
| Field of view | 24°×18° |
| Spatial resolutions | 1.3mrad |
| Thermal sensitivity | ≤0.08℃@30℃ |
| Frame rate | 50Hz |
| Lens | No thermal effect of lens, avoid focusing (fixed length) |
| Automatic heater | When the window temperature below 4 ℃, then automatic heating window |
| Automatic deicing | At -30 ℃ /100Km/h wind speed, heating 15min 2mm removal of thick ice |
| Image processing | Automatic, anti vibration track processing |
| External power supply | 12V DC |
| consumption ; | ≤5W |
| Pedestrian recognition | Automatic pedestrian recognition function |
| Alarm function | Full automatic pedestrian recognition alarm function, automatic vehicle approaching alarm function |
| Weight | <400g(Without external cable) |
| Dimension | 70×67×76mm ( Without mounting frame ) |