

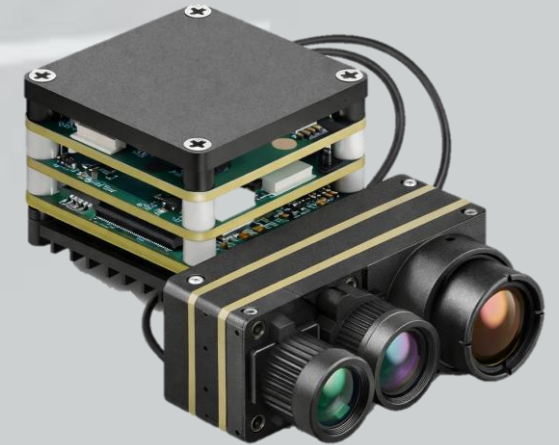


Taiwan Jets Manufacture Co. Ltd.
Non-Red Supply Chain Product Line

TJMC

AI VISUAL RECOGNITION MODULE

Items	Spec.
AI/Algorithm	Simultaneous identification of up to 50 targets; support for trajectory prediction and feature memory; support for close-range sticky tracking; minimum tracking pixel size of 16×16; dynamic target speed up to 60 km/h.
Detection/Identification Distance	Vehicles 1200 m, pedestrians 500 m
(TOPS)	6 TOPS
Image input (visible light)	1920×1080 @ 60 Hz ; Low-light sensitivity: 9650 mV/lux·s
Thermal imaging	Frame rate 384*288@25Hz
Lens/Perspective	Focal length 4mm; FOV 72°(H) × 45°(V) (visible light)
Photosensitive element	1/2.6" (Visible light)
Power supply	9–16 V
DIMS/Mounting hole	Motherboard dimensions: 38 × 38 × 26.7 mm; mounting hole spacing: 25.5 × 25.5 mm
Protocol/Compatibility	CRSF ; Support with BetaFlight / APM / PX4
Display/Screen	Picture-in-Picture (PiP) support
Target type (Default)	Human beings and vehicles
Operation Temp.	Target recognition 24/7 at temperatures ranging from 20°C to 60°C



Developing product illustrations