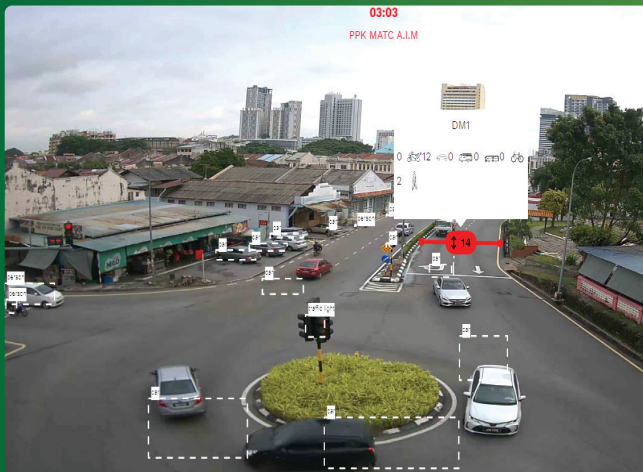


VIDEO VEHICLE DETECTOR

PPK Video Vehicle Detector (VVD) uses MATC Artificial Intelligence Module (MATC AIM) that focuses on the detection, counting, and classification of different objects. VVD is trained to detect and recognise various traffic vehicles from a live video feed. Presently it is trained with 4 categories of classification which are motorcycle, car/ multi-purpose vehicle (MPV), truck / lorry and bus.

VVD can be integrated with MATC4100 Traffic Controller acting in full Vehicle Actuated (VA) mode. Our module is developed with a user-friendly interface where the user is able to draw and edit virtual loops easily. All information on detection, counting, and classification will be logged and sent to PINTAS/ OPTIMES Control Centre via the internet.



Benefits

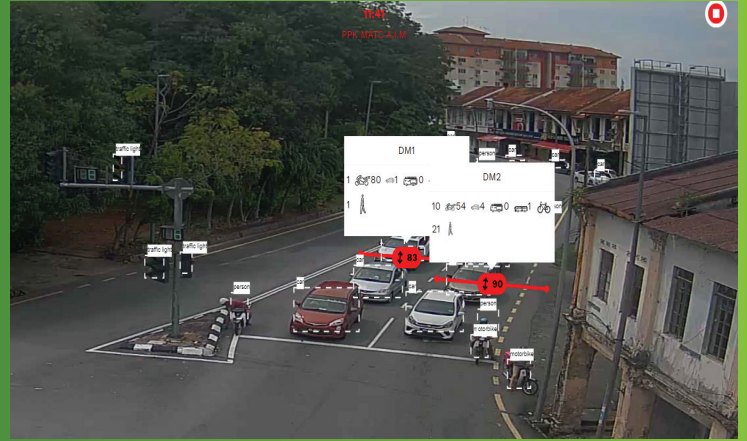
- ✔ Compatible with MATC VVD-C AI camera with Real-Time Streaming Protocol (RTSP)
- ✔ Can be integrated with MATC 4100 Traffic controller to act as VA input
- ✔ AIM can be trained to recognise specific customised models/ objects
- ✔ Capable of self-learning algorithms for higher accuracy
- ✔ Congestion detection and traffic queue management

Features

- ✔ Virtual directional loops (bidirectional/ unidirectional)
- ✔ Vehicle detection
- ✔ Vehicle classification (bus, car / MPV, truck / lorry, motorcycle)
- ✔ Vehicle counting
- ✔ License plate recognition
- ✔ Traffic queue analysis
- ✔ Red light violation

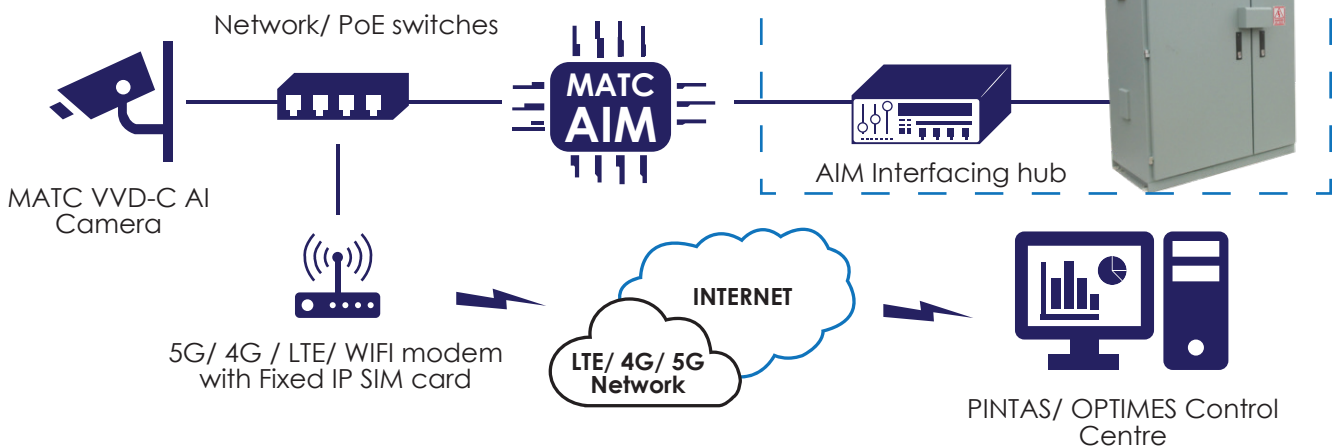
QUALITY POLICY

It is our commitment to provide the service with the highest standard of safety, quality and reliability that meet the specified requirements and expectations.



Technical Specifications (MATC AIM)

| | |
|------------------------------|---------------------------------------|
| Input Power | 5 V / 2.5 A DC |
| Dimesion | 105mm x 90mm x 60mm |
| Supports Connectivity | 5G/ 4G/ LTE / Optical Fiber |
| Operation Temperature | -10 °C to 60 °C |
| Ports | LAN / mini HDMI / USB3.0 / USB2.0 |
| Secondary Power | Power Over Ethernet Support |
| Local Connectivity | Ethernet / LAN Connectivity |
| Video Stream | Support 4k @ 30 fps Encode and Decode |
| Local Storage | Supports microSD card up to 128GB |



DISCLAIMER

All information provided herein is for information purposes only and does not constitute a legal contract between PPK Technology and any person or entity unless otherwise specified. PPK Technology reserves the unconditional right to discontinue or make changes to product and product specifications without prior notice to improve the product's reliability, function or design.

Wisma PPK, Lot 2354, Jalan Sungai Putat, 75350 Batu Berendam, Melaka, Malaysia.
+60 6 317 6828 +60 6 317 6854
ask@ppktechnology.com www.ppktechnology.com

