

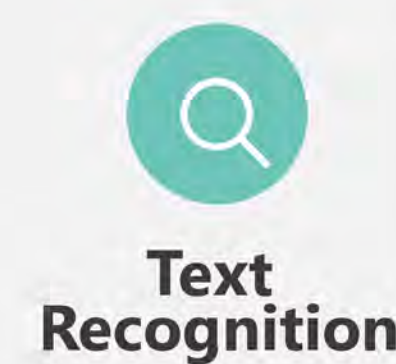
AI ITS (Intelligent Transportation Systems) Video Image Analyzer



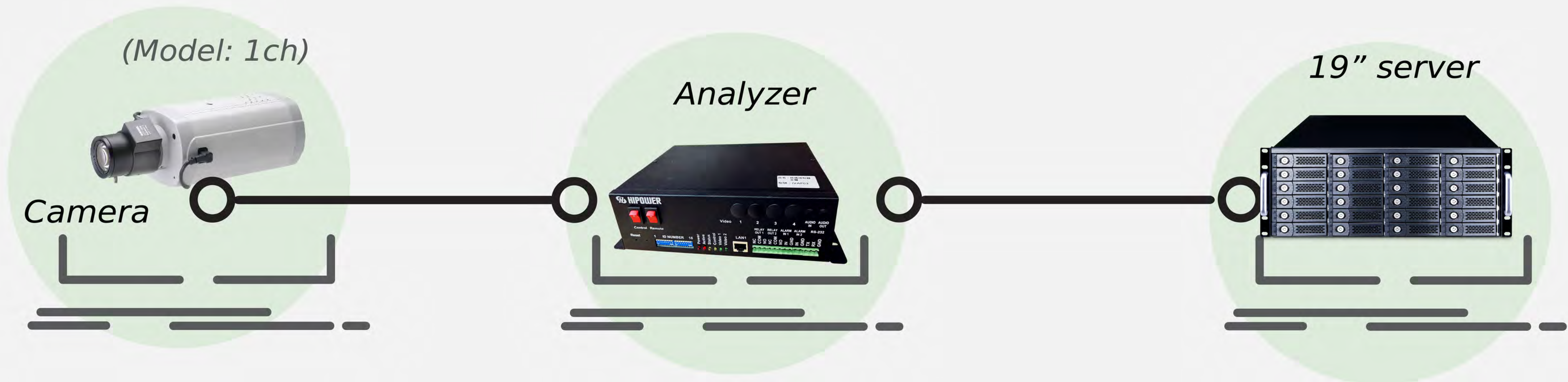
Feature

1. Support network video streaming via RTSP, with video resolution support for D1/720P/Full HD and other resolutions. Hardware configuration is based on different resolution requirements.
2. Support for use with thermal imaging cameras for environment intrusion detection, vehicle passage detection, vehicle parking detection, and smoke detection, etc.
3. Multiple application functions.
4. Data report content. Data reporting content includes event category, occurrence time, occurrence lane, occurrence vehicle type, and camera number. Real-time event video footage is also reported (the event location is marked on the screen).
5. Incident video data
Event recording data can be set by the video event detection workstation, with a maximum recording time of up to 4 minutes.
6. Hardware abnormality recovery can be performed remotely.
The video event detection workstation can perform remote communication resets. In the event of a power outage, the system will restart, automatically perform an initialization process, and resume normal operation. The system has a Watch-Dog function, which can automatically perform an initialization process.

iiD Analyzer



Simple Architecture Diagram

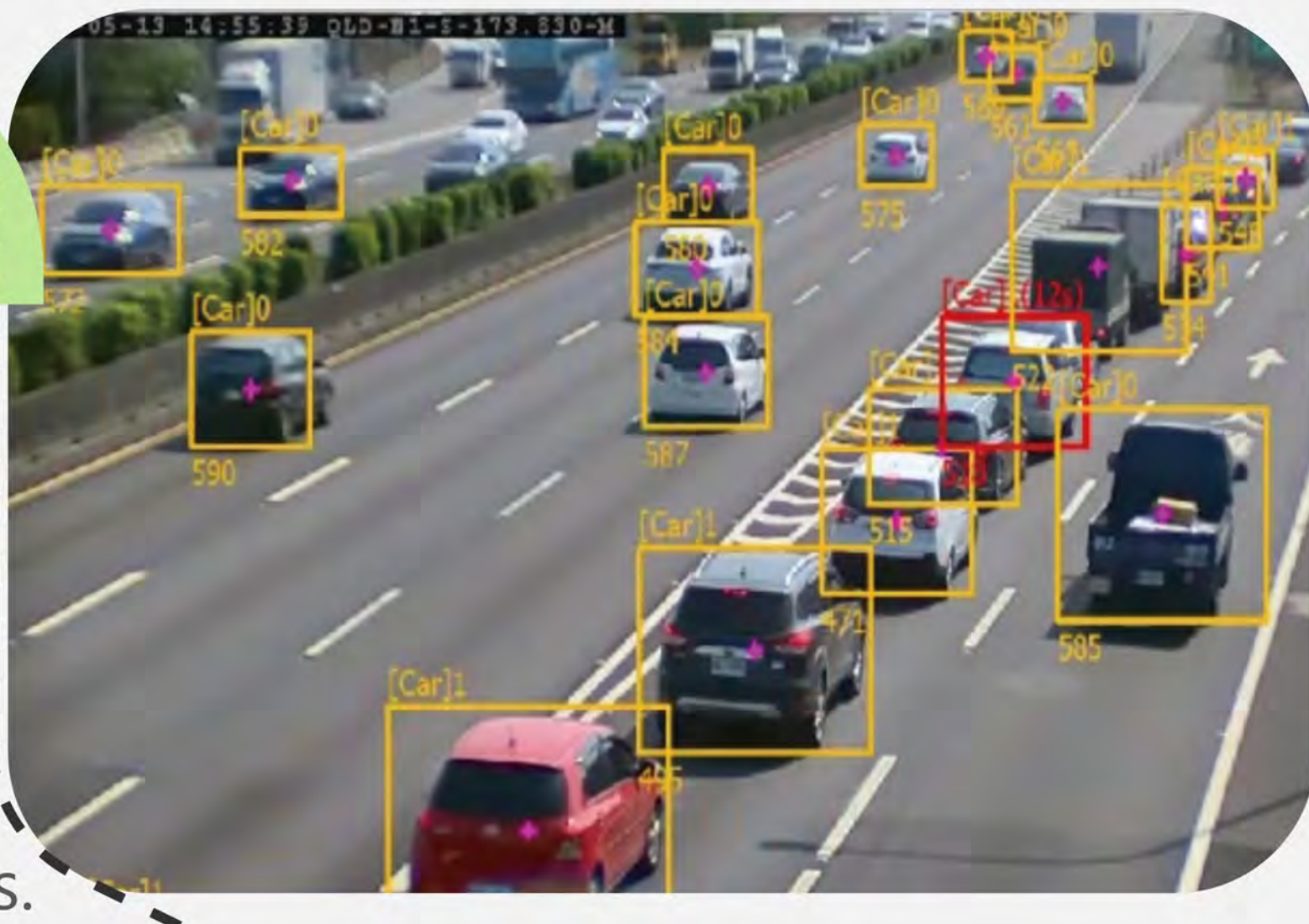


Feature Applications

ITS-QLD

Congestion Detection

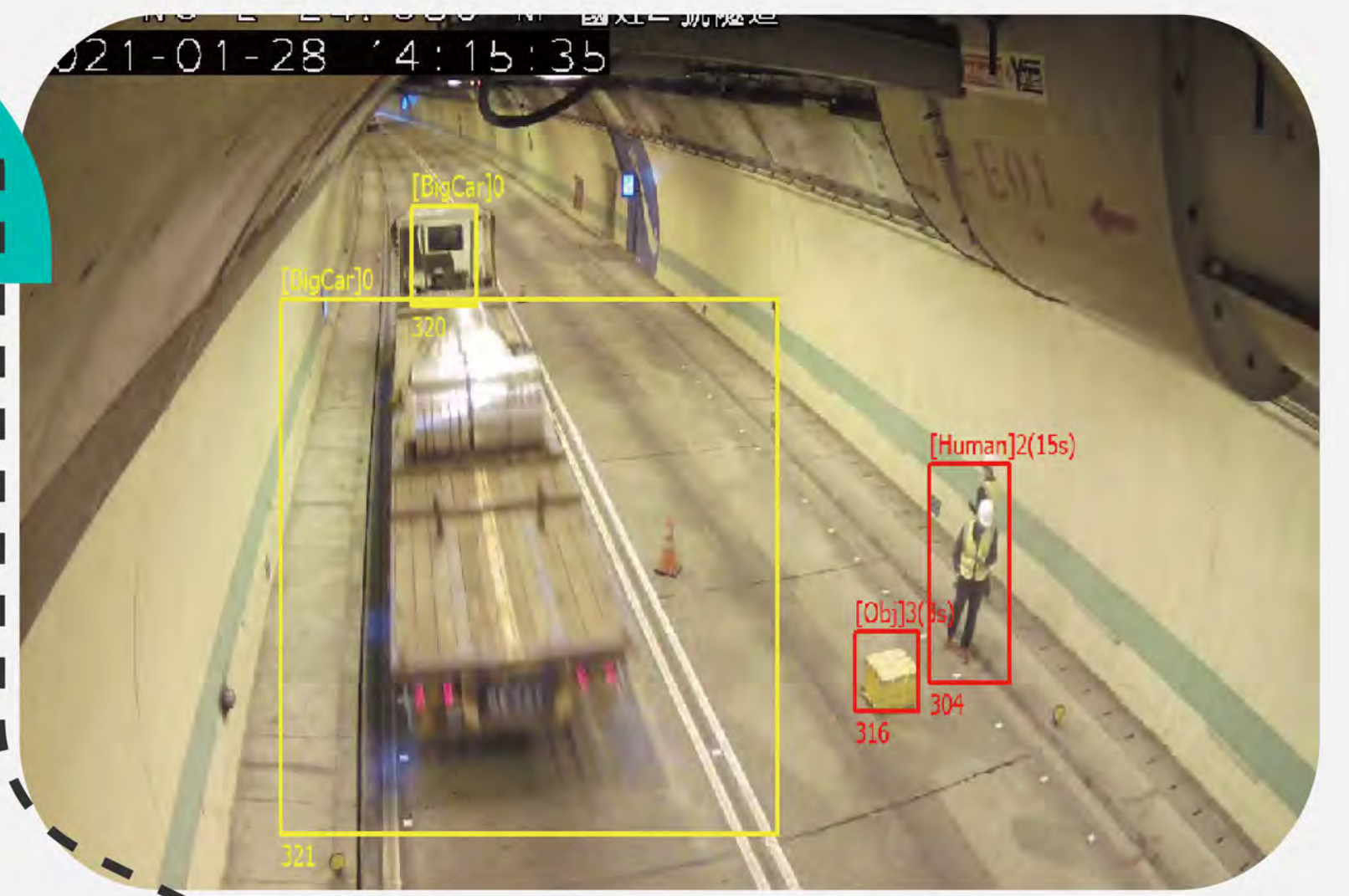
Application for congestion management at highway interchanges.



ITS-AVI

License Plate Recognition

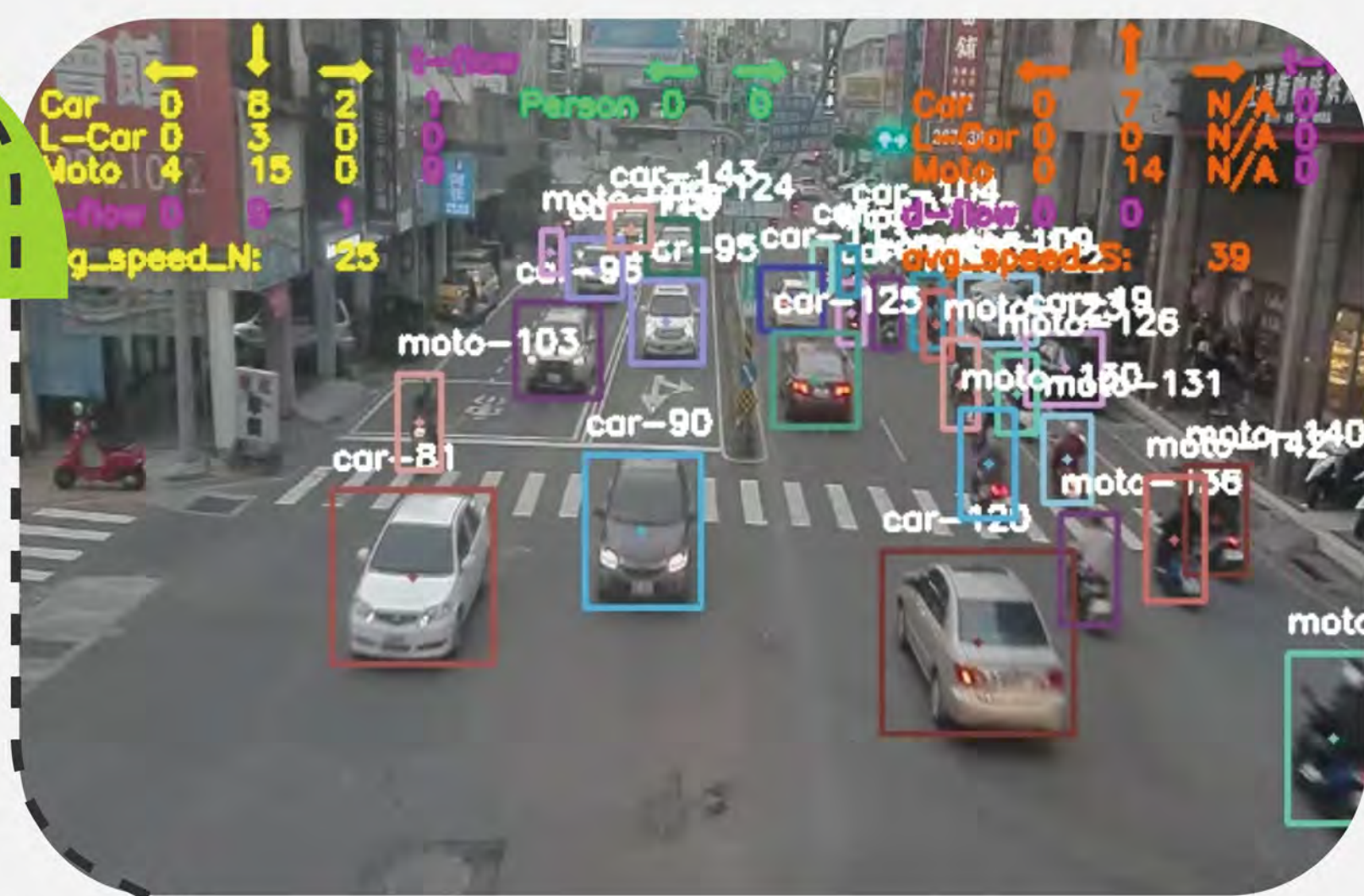
Automatic recognition of license plates of passing vehicles.



ITS-VDS

Vehicle Turning Detection

Application for traffic flow turning detection at urban intersections.



ITS-iiD

Event Detection and Recognition

Application for tunnel traffic safety event management detection.

