Panasonic
BUSINESS

Vehicle Search Server Software
WV-ASV100W
Client Plug-in Software (Genetec / Video Insight)
WV-ASVC101W

Additional Camera Kit
1ch : WV-ASVE101W / 4ch : WV-ASVE104W

Update Software (1 year)
**WV-ASVM111W**

i-PRO EXTREME

# Suspicious vehicle can be searched by feature and narrowed down quickly

Enables law enforcement to find the candidate of suspicious vehicle efficiently even by the incomplete information from witness such as lack of license plate, then helps to accelerate time of investigation.

Key Features

Searching vehicle from appearance information

• Search by date / time, location, vehicle type, vehicle color, direction, which is often provided by witness of crime or incident.

© OpenStreetMap contributors

Narrow down from search result list

• 1 click on a thumbnail and play high resolution image from VMS to confirm.
• The direction of the car is displayed on the map with the playback image and the thumbnail image.
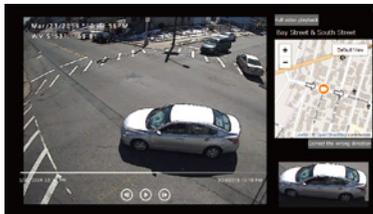
• Select and mark on any candidate. All selected items are easily checked in case management window.

### Make out a report including direction information

• In the case window, manage suspicious candidates and create the report for on-site officer to confirm with witness easily & quickly, such as, by email.
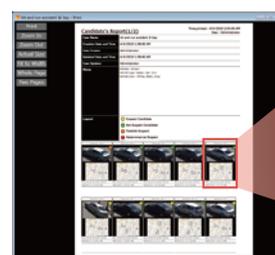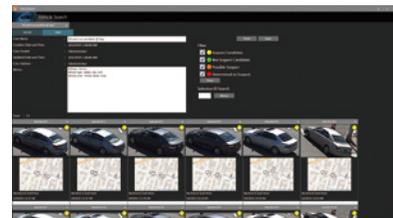
Example of a Basic Connection System

Cover intersection by one Multi-Sensor camera

Video Stream — H.265/264 (4K 15fps) → VMS

H.265/264 (HD 10fps) → Vehicle Search Server WV-ASV100W

Video Stream

Detection & Analysis by Deep Learning engine

Video Stream → Client Software

Search Result

Officer

- Search target vehicle and narrow down
- Issue report
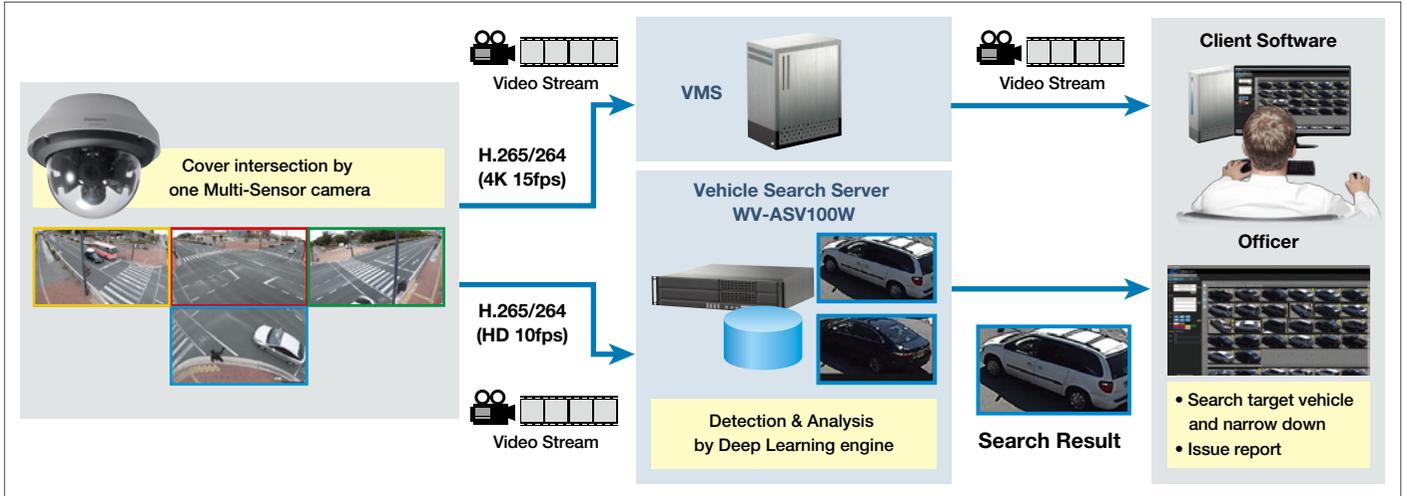
Specifications

Basic Specifications

Vehicle detection	Search key	Type	6 (Pickup Truck, Sedan, Van, SUV, Truck, Bus)
		Color	10 (Green, Blue, Brown, Purple, Yellow, Red, Pink, Black, Silver/Gray, White)
		Ambiguous retrieval	Adjust type and Color range
		Direction	8 inbound/ 8 outbound direction (enable to filter)
		Time & Date	month, day, hour, minute
Visualization	Result view		Thumbnail (max. 64 at same page)
	Map integration		Search and Result with direction on the map *Google Maps and OpenStreetMap are supported.
	Report output		Print to paper and PDF (depend on Windows environment), enable to share by email
	Log		Save and Export Operation log (CSV file)
system	Max ch per server		20ch (When using 2 ch per unit with 10 multi-sensor camera, 10 intersections)
	Max ch per system		200ch (When using 2 ch per unit with 100 multi-sensor camera, 100 intersections)
	Max server per system		10 server
	Max client per system		10 client
	Retention period		31 days as default (14 to 92 days, configurable)
Integration	Camera		i-PRO Extreme Camera *Multi-sensor/Fixed/PTZ(Except 360-degree fisheye camera)
	Input stream		HD 720p at 10fps(fixed), H.265/H.264

System requirements

Vehicle Search Server

CPU	Intel® Xeon® Gold 5118 2.3 GHz (12-core 24-thread) or better, Core™ i7-8700K 3.70 GHz (6-core 12-thread) or better
Memory	32 GB (16 GB x 2) or more
HDD	3 TB or more (in the case of 31days)
Graphic	NVIDIA Quadro P4000 x 2
OS	Microsoft® Windows® 10 Pro (64 bit) Release Ver.1809 and later, Microsoft® Windows Server® 2016 Standard Edition
Network I/F	1000 Mbps
Power Supply	550 W or more

Supported Video Management Software

Genetec	Genetec Security Center V5.7 SR4, V5.8 GA + WV-ASVC101W
Video Insight	Video Insight IP Server / VI MonitorPlus V7.3.2.5, V7.4.2.32, V7.5.1.16 + WV-ASVC101W

Products Lineup

Product Name		Model No.
Vehicle Search Server Software		WV-ASV100W
Client Plug-in Software (Genetec / Video Insight)		WV-ASVC101W
Additional Camera Kit	4ch	WV-ASVE104W
	1ch	WV-ASVE101W
Update Software (per 1 year, per server) *Essential for purchase of the first year		WV-ASVM111W

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