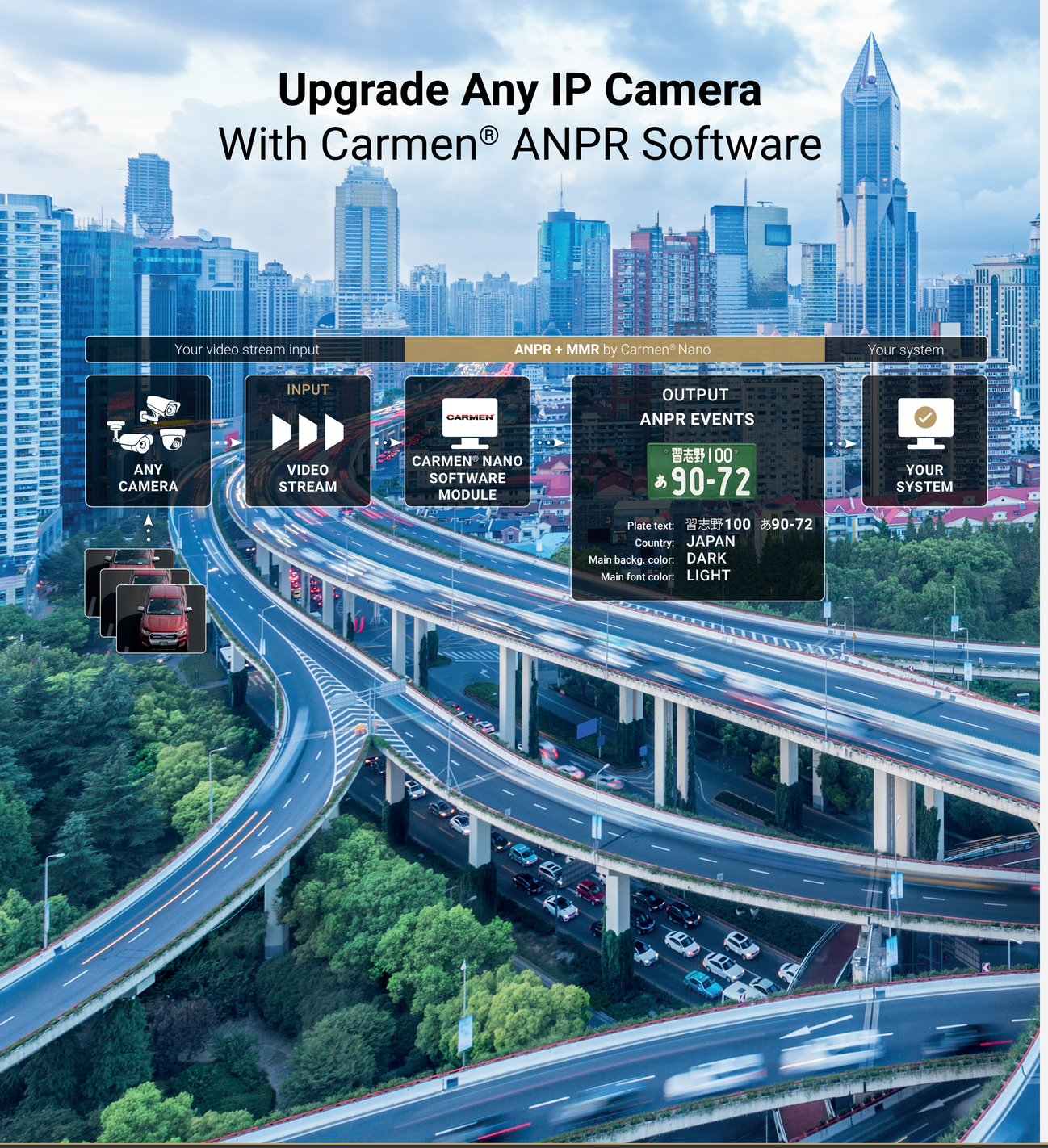

CARMEN®

Carmen® Nano ANPR for NVIDIA® Jetson™ Computers

Carmen® Nano ANPR is a software module specially developed for NVIDIA® Jetson™-based computers. Its powerful processing power, video-based triggering, and ultra-fast, precise ANPR allow you to create future-proof traffic analytics systems and handle video streams from any IP camera* with an on-premise ANPR software.

* Cameras not included

GPU-Accelerated Video Processing

Preconfigured settings for direct ANPR and access control or slow traffic monitoring. IP-based remote access for convenient operation.

Camera-Independence

Whether it's a new system or an existing one, you can rely on Carmen® Nano to add fast and accurate ANPR—and, optionally, MMR—data to the stream coming from your regular IP cameras. Carmen® Nano also fully supports overview cameras with ANPR optimized settings, allowing an easy upgrade from a traditional system to a smart one.

Easy Installation and Handling

With a variety of factory presets and settings available through a single, simple interface, you can tailor Carmen® Nano to your unique needs. Enjoy the intelligence of Carmen® and the power of NVIDIA® Jetson Nano™ without the need for servers, complicated installations, frequent maintenance, and expensive devices.

Carmen® Nano

General Information

Minimum system requirements	NVIDIA® Jetson Nano™ GPU Board (Maxwell GPU, 128 CUDA core) Quad Core ARM Cortex A57 CPU 4GB LPDDR4 memory 16GB eMMC flash memory
Available NNC types	USB 2.0 dongle - type A Mini-PCIe card
Licensing	One year from purchase included, optional subscription available on yearly basis

Interface

Engine	Carmen® ANPR Image Carmen® ANPR Cloud
Input	Camera stream protocols: RTSP Camera stream format: H.264
Output formats	HTTP/HTTPS upload Data stream through API Internal database on web interface GDS upload
Output	ANPR data Number plate data in UNICODE text Location of each plate on one image Country/State/Province ID Time stamp Image (event and cropped license plate) Background color (optional) Character color (optional) Category of the plate (optional) MMR data (make, model, color)
Trigger	Via video-based, GPU-accelerated PlateFinder module or external software trigger via API call

Technical specifications are subject to change without prior notice. This document does not constitute an offer.

Contact

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