TGX-P

ANPR / ALPR PROCESSOR

Serious about ANPR/ALPR. Serious about Service.
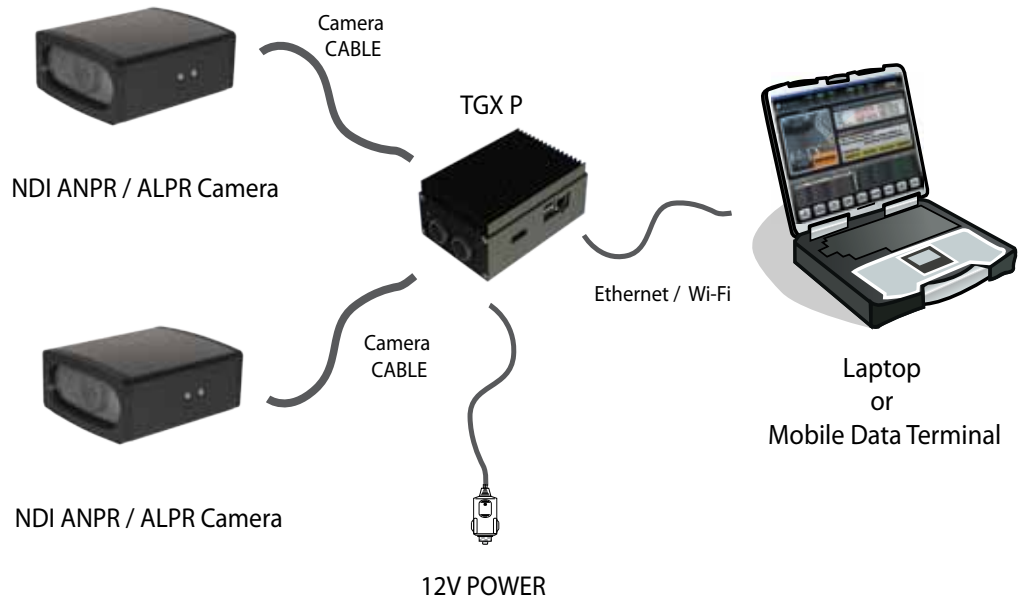

TGX-P

TGX-P is a miniature ANPR/ALPR Processor specially designed to interface with Number/License plate recognition cameras from NDI Recognition Systems. With a Quad Core Intel processor with 4GB Memory, TGX-P runs Windows Embedded Standard 7 operating system and ArtEye ALPR engine. TGX-P connects to a Laptop, MDT or a remote server via Ethernet or Wi-Fi.

TGX-P supports up to 2 ANPR/ALPR Cameras, with integrated camera interface providing seamless integration with NDI cameras without the need for additional cables. Each camera interface consists of 2 video feeds (IR and Color), RS232 communication link and power to the camera.

Intelligent power management unit in the TGX-P monitors the ignition sense, battery voltage, temperature and manages graceful startup/shutdown procedures to preserve data integrity and prevent excessive battery drainage.

Key Features:

» Compact Size for easy deployment in patrol vehicle

» Intel Quad Core Processor

» Two ANPR/ALPR camera connections

» Gigabit Ethernet interface to MDT/Laptop

» 1x USB 3.0 and 1x USB 2.0 ports for optional hardware, such as a GPS

» Integrated Microprocessor controlled power management unit

» Convenient 12V Power

» TGX-4 (mini video interface)

NDI ANPR / ALPR Camera

Camera CABLE

TGX P

NDI ANPR / ALPR Camera

Camera CABLE

Ethernet / Wi-Fi

Laptop or Mobile Data Terminal

12V POWER

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Specifications

Processor:	Intel E3845 1.91GHz Quad Core 64 Bit Processor with 2MB L2 Cache
Memory:	4GB DDR3L RAM
Storage:	64GB SATA SSD
Connectivity:	Gigabit Ethernet, 1x USB3.0, 1x USB 2.0, 1x Display Port
Camera options:	Support up to 2 NDI Cameras (each 2 Video Channels), camera communication and Camera Power
Video Interface:	PCI Express Mini Card (TGX-4 mini)
Frame Rate:	50fps
Operating System:	Windows Embedded Standard
Recognition Engine:	ArtEye Windows or Talon
Dimensions:	5.14x3.40x2.11 in / 131x86x54 mm (LxWxH)
Weight:	TBD
Power:	12VDC/3A

Power

LEDs

ANPR Camera INPUTS

2.11

3.40

Display Port

USB3

Gigabit Ethernet

4.91

USB2

5.14
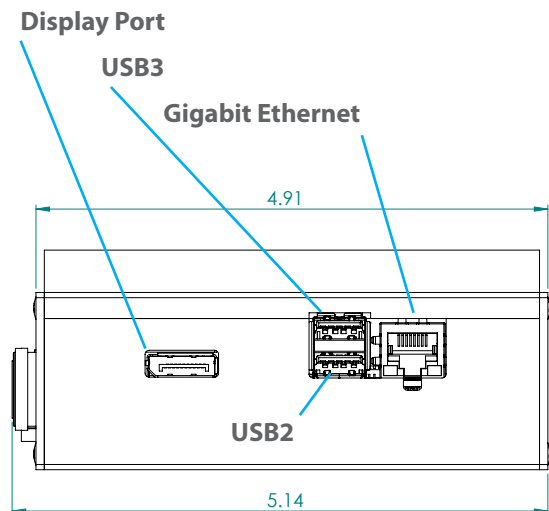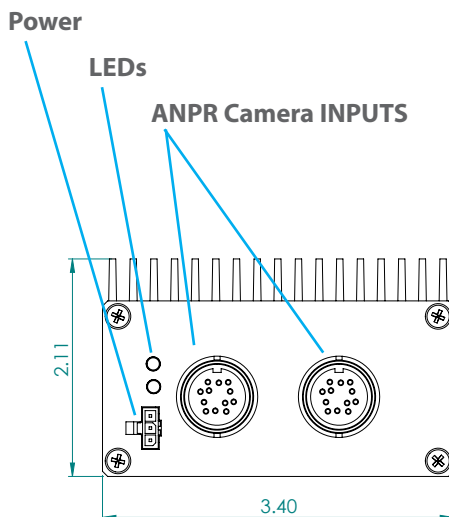
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NDI RECOGNITION SYSTEMS