

TAKE
CONTROL

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PSensor Plate Recognition Sensor



PSensor, License Plate Recognition Sensor, is an integrated technology that transmits plate information to the automation system in the form of an ID reader.



PS02-16082022

PSensor PLATE RECOGNITION SENSOR

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This technology is an embedded plate recognition sensor developed by ASIS with a special camera sensor that is created and applied for fuel retail industry.

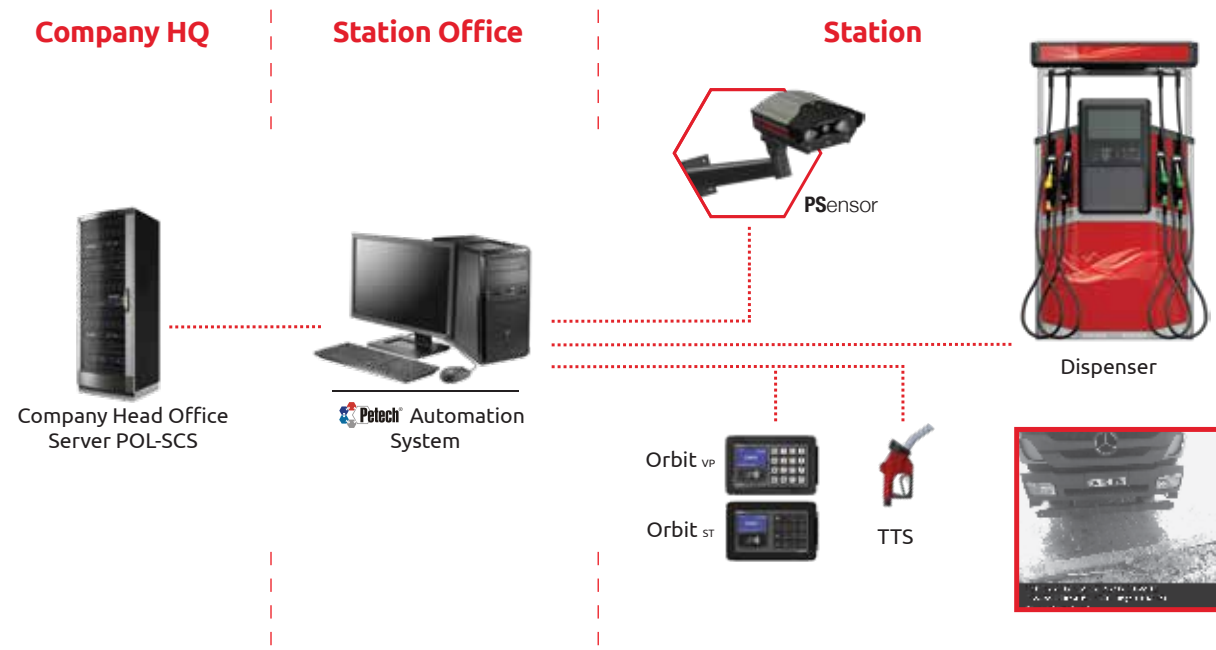
Plate recognition is a tedious process which requires PC, camera, special software and experience. PSensor is a new unit that includes all these components and transmits the detected plate information to the automation systems through direct simple communication. It is a system capable of accurately detecting the plate up to 98% depending on the environment.

PSensor is produced with three different communication port options such as Ethernet, Wi-Fi and RS485. Other than plate, there is also detection of color and model of the vehicle within different models of the PSensor.



Thanks to the PSensor's built-in Wi-Fi modem, secure wireless access can also be established with the PSensor without using wired equipment in the field. All installation configuration, control and update operations can be performed via Web Based Easy Installation module with mobile and desktop support.

PSensor is designed especially as customer recognition system that creates Plate ID control system.



SPECIFICATIONS

● Vehicle Recognition	%95 Minimum
● Correct Reading	%95 Minimum
● Repetitive Photo	%05 Maximum
● Reading Direction	Incoming
● Vehicle Speed	< 20 Km/s
● Square Plate Reading	Yes
● Special Plate Reading	Yes
● Motion Detection	Internal (Software)
● Web Server	Internal
● Date and Time	Sync with SNTP Protocol
● FTP Server	Internal
● Operating System	Linux
● Network	Ethernet 10/100 & Wifi 802.11 b/g/n

HARDWARE

● Processor	64 bit 1.4 Ghz A53/ARM
● Sensor Resolution	2592 x 1944
● Ethernet	300 Gigabit
● Lens	3.3 mm - 72.5°
● Process Unit	Internal Plate Reading Engine
● Storage	16 Gb (Up to 64Gb)
● Lighting	2 x 850nm High Power Led
● Comm Protocol	TCP/IP, UDT, HTTP, RS-485



NOTICE: PSensor is a plate detection sensor and is within the scope of communication information protocol which only perceives plate information that is transmitted as a text to the system. Photographs or other data containing personal information are not used.

● Temperature	-30°C / +70°C
● Voltage	5 / Vdc
● Power Consumption	12.5 W
● Protection Class	Aluminum case, IP65
● Security Class	Atex EX D (Pending)

