



Neosys Industrial Solution Parking Management System

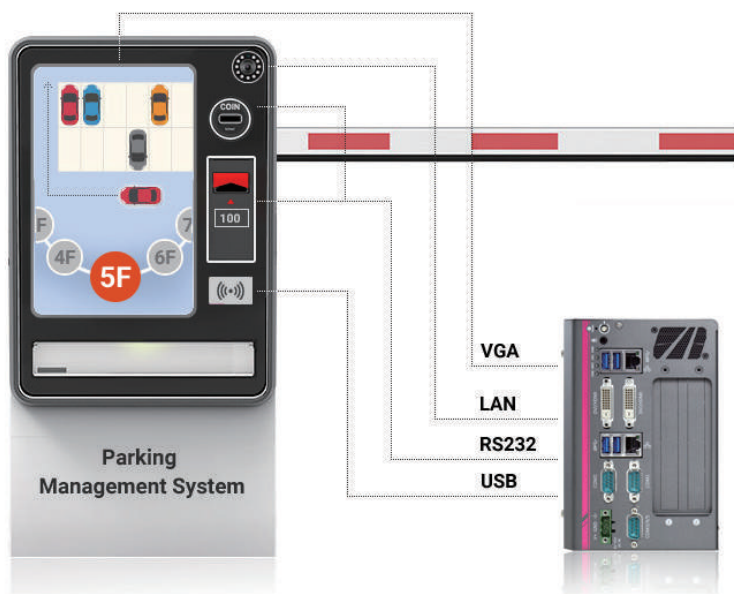
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Parking Management System

Traditionally, parking lots are equipped with a toll booth where the attendant sits, records the license plate and time of entry of every car entering the parking lot. The final toll is based on the time of departure (number of hours parked) at the gate where you pay to the attendant at the toll booth.



As time goes by, technologies advance and in comes the automated token machine where every car entering the parking lot is issued with a token that registers the time of entry. The token is inserted into the automated fare machine when ready to leave; you pay how much the machine says you owe and collect the token that registered you've paid; reinsert the token at the departure gates to leave the parking lot.

One of the most common problems with the token parking lot management systems is losing the token. Often car owners miss-place the token, whether it's somewhere in their bag, fell out of the pocket or they simply left the token in their cars when leaving the parked vehicle. It is a hassle to keep track of where the token is which may lead to delays or excess fees. There are even instances where one pays for the parking fee but forgot to take the token out of the machine and someone takes advantage of the already-paid token to exit the parking lot without paying for their own parking fee (as the token is not tied to a specific vehicle).

Fast forward to today, systems using machine vision to identify license plates when entering/ exiting the parking lot can be widely seen. The fully automated system rectifies human labor needs, parking meter calculation error and the possible loss of token. When you are ready to leave the parking lot, simply punch in your car license plate number (recognized and registered upon entry via machine vision plate identification software) and the computer calculates the fee for you. Pay the amount shown and you don't need to worry about retrieving the token in order to exit the car park. Drive your car to the exit and the camera will identify your license plate and with the system registering that you have paid, the boom gate will lift automatically to let you out of the parking lot.

Neosys Rugged DNA



Fanless operation

The rugged and efficient heat dissipation design allows 24/7 fanless operation.



True wide temperature operation

Often praised for the system's ability to operate in extreme temperature conditions, Neosys Technology's rugged embedded systems feature true wide temperature operation (up to 70°C) capability.



Processing power

Neosys Technology's Nuvo rugged embedded series supports up to 9th Gen Intel® Core™ i CPUs.



Abundant connections

The embedded systems feature USB 3.1 Gen1, USB 3.1 Gen 2 (Nuvo-7000 series), GbE, PoE, COM, etc.



Wireless communication module

Via expansion sockets, Neosys systems can install WiFi, 4G cellular modules or both in the system. They offer wireless communication with other nearby devices, central computer or cloud systems.



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