

Smart Parking



Application Requirements:

Nowadays, parking lots primarily use tickets or tokens to manage the entrance and exit of vehicles into the area. Although this is significantly more efficient than the traditional manual recording method used decades ago, there is still room for improvement, especially now that automatic number plate recognition technology is becoming more mature. In a smart parking lot, drivers can enter and exit the area ticketless. Their vehicle plate number can be captured by cameras located at the entrance. When exiting, drivers can enter their license plate number into the automatic payment machine and make the payment transaction. Not only does this solution automate the entire parking management process, it also makes the payment process more convenient for drivers as well.

Benefits:

- PoE ports that support mainstream IP cameras to capture vehicle number plate information, and enables automatic management and convenient payment process for parking lot managers and drivers.
- Flexible connection to access control peripherals through COM and digital IO ports, provides a complete solution for smart parking to system integrators.

Application Diagram:



Product Offerings:



ARK-2121S
Rugged HD NVR with 4 PoE Ports up to 8ch video recording, Intel Atom E3845 QC SOC.



ARK-2151S
Rugged Full HD NVR with 4 PoE Ports up to 16ch video recording, Intel Core i5-4300U DC.