

CTS Industrial Media Converter Is Adopted by Hong Kong Border Facility



Background

Hong Kong Boundary Crossing Facilities (HKBCF) is the immigration and customer check point on the Hong Kong–Zhuhai–Macau Bridge. To meet security requirements and provide convenient services to motorists and passengers, HKBCF deployed state of the art Automatic Vehicle Clearance System (AVCS) for vehicle tracking, license plate recognition, and intrusion detection. Numerous speed dome cameras are installed across the Vehicle Clearance Plaza which needs a PoE network solution to help to build a complete surveillance system.



Challenge

- ① Speed dome camera require 60W power input.
- ② Outdoor site on an artificial island with subtropical climate.
- ③ Frequent thunder storm on site.
- ④ Required 24/7 non-stop surveillance network.



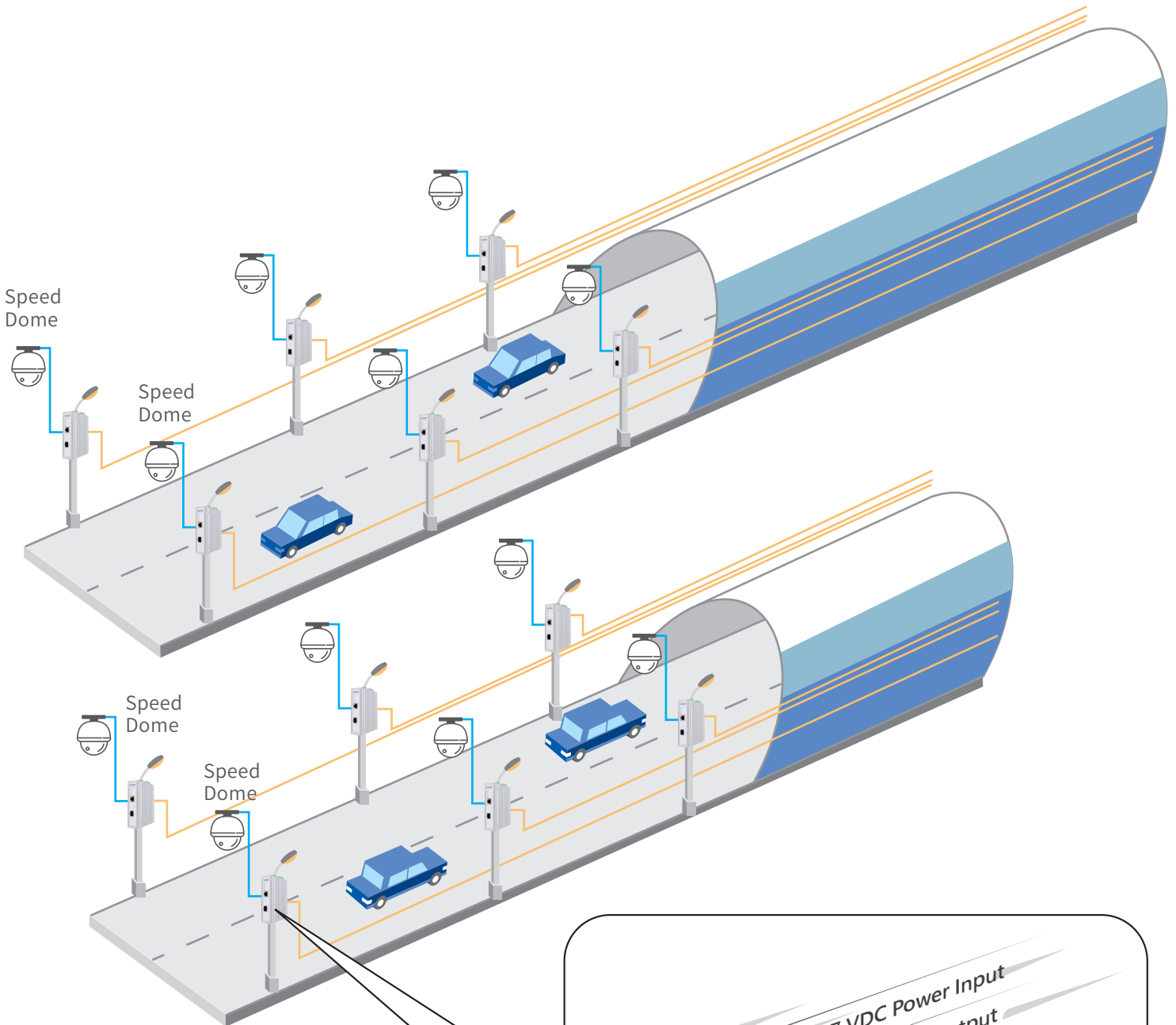
Solution & Benefit

- ① IPC-3012-PoE++ compatible with IEEE 802.3af/at PoE+ and up to 60W power output.
- ② Able to operate smoothly in outdoor, marine, hot and humid environments.
- ③ 6KV Surge Immunity on copper ports prevent devices from damage.
- ④ Dual power input (12~57VDC) and built-in power booster to ensure non-stop and stable power supply to the connected cameras.



IPC-3012-PoE++

1-Port SFP to 1-Port **60W PoE++** Gigabit Industrial Media Converter



- 12~57 VDC Power Input
- 60W PoE Power Output
- 6KV Surge Protection
- 40~75 Degrees Celsius

IPC-3012-PoE++