

SMART SURVEILLANCE INFRASTRUCTURE

The cameras were procured; the network under them was an afterthought. Streams drop at night, storage fills unevenly, and expanding to the next district means another ad-hoc build. You need a surveillance backbone that is designed, not accumulated.

PRODUCT FAMILIES

Site aggregation

ECS4650-54T · ECS4530-54CSFP

Camera access (PoE)

ECS4150-54P · ECS4125-10P · ECS1100-10HP

Long-reach links

ET4202-LX/EX/ZX (10–80 km) · ET4352-BX20 (single-fiber)

Wireless camera links

EAP112-H + BL100S/DM100S (Wi-Fi HaLow cameras) — for locations where trenching is impossible

Recording management

SmartNVR (VM-based, 8–256 cameras)

SIZING & TIMELINE

S ≤100 cameras, 1–2 sites — 3–5 weeks

M ≤500 cameras, ≤10 sites — 6–10 weeks

L 500+ cameras, district-scale — 10–18 weeks, phased

SCOPE OF DELIVERY

- 01 Camera-count and bitrate audit
- 02 Engineered design + BOM with per-port PoE budget
- 03 Hardware supply
- 04 Deployment and camera-network cutover
- 05 Acceptance: every stream verified recording
- 06 Documentation handover
- 07 Support tiers

PROCUREMENT OPTIONS

- Outright purchase
- ☒☒☒☒☒☒ 36-month service agreement
- TOR/spec support for e-bidding, incl. camera-vendor-neutral wording

