PROFESSIONAL WIFI / CCTV CONNECTIVITY

SECTOR X120

Sector radio for CCTV aggregation

A lightweight 120° sector radio for connecting remote camera points to the surveillance network.

Wide sector coverage

16 dBi dual-polarized antenna with a 120° sector.

WiFi 6 connectivity

2x2 MIMO with a Gigabit Ethernet interface.

Lightweight installation

0.77 kg ASA enclosure with 24 V passive PoE.



120°	16 dBi	1,201 Mbps	IP65
SECTOR COVERAGE	ANTENNA GAIN	MAX. PHY RATE[1]	WEATHER PROTECTION

Bring remote cameras onto the network.

Camera connectivity

Connect an Ethernet camera or a camera cluster at a remote point.

Central aggregation

Carry camera traffic toward the surveillance network.

Directional installation

Align each remote radio with the central base station.

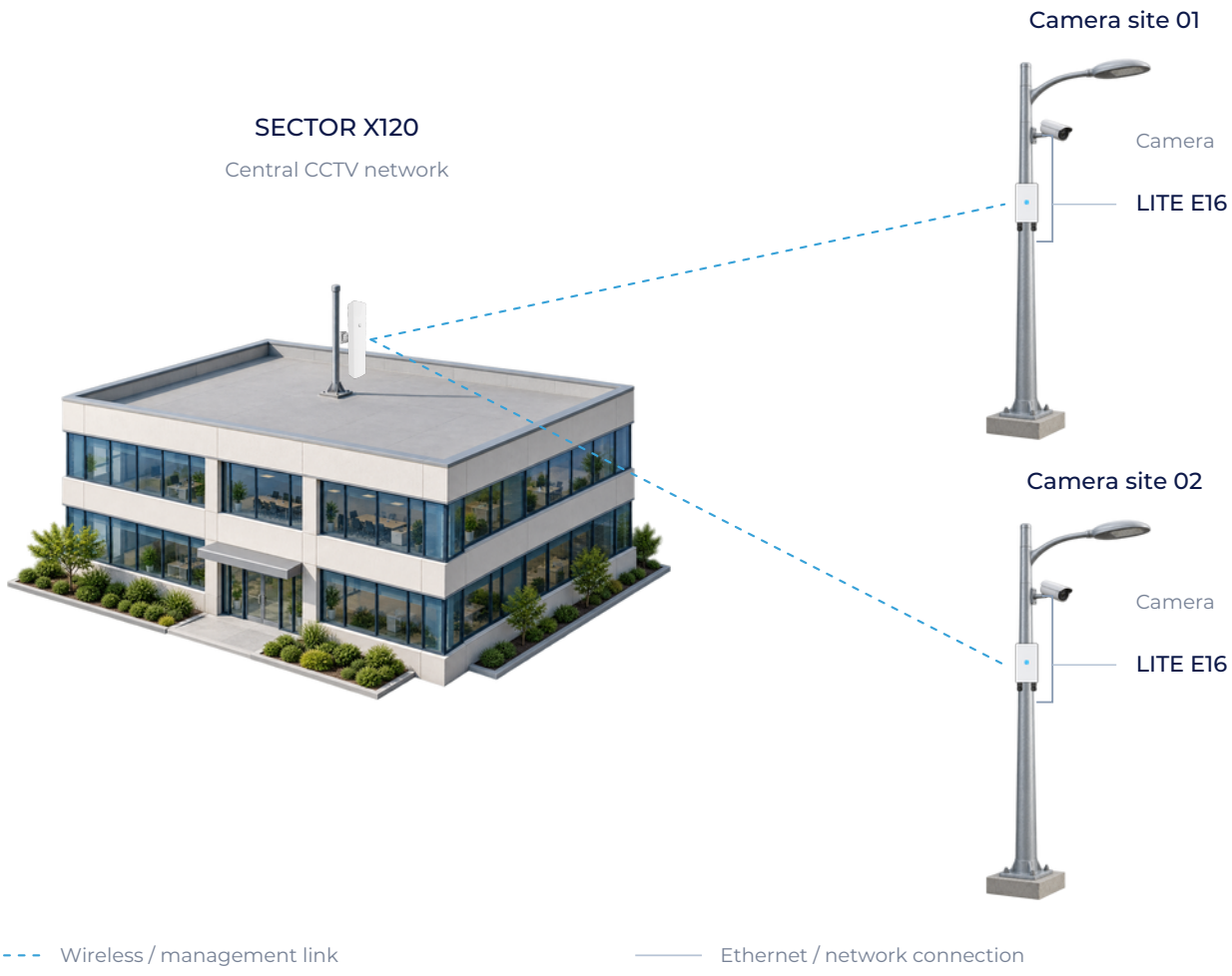
1. PHY rates are theoretical. Actual throughput and range depend on radio configuration, client equipment, line of sight and operating conditions.

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DEPLOYMENT / SECTOR X120

Remote cameras. One network.

Two LITE E16 camera points connect to a central SECTOR X120 base station.



Two camera points

Each LITE E16 connects an Ethernet camera at its remote location.

Central aggregation

SECTOR X120 carries the client traffic into the CCTV network.

Shared radio band

Use a compatible 5 GHz configuration across the central and client radios.

Conceptual deployment · not to scale. Camera power and local Ethernet equipment depend on the installation.

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TECHNICAL SPECIFICATIONS

SECTOR X120

Radio & performance

Primary application	CCTV aggregation base station
Wireless technology	WiFi 6
Antenna	16 dBi · 120° sector
Spatial Diversity	2x2 MIMO
Operating frequency	5.1-5.8 GHz; country dependent
Maximum PHY rate	1,201 Mbps
Wireless standard	IEEE 802.11ax / ac / n / a
Maximum transmit power	23 dBm ±2 dB
Polarization	Dual polarized

Networking & management

Wireless security	WPA / WPA2 · WPA-PSK / WPA2-PSK (AES / TKIP)
Firewall	Integrated

Ordering information

Model	SECTOR X120
Package contents	Available on request

Hardware & power

Network interfaces	1× GbE
Outdoor construction	Weatherproof ASA enclosure
Power	24 V passive PoE
Power consumption	10 W
ESD protection	16 kV
Lightning protection	8 kV
Power adapter	24 V DC · 0.75 A
Status LEDs	Power · LAN · WLAN · RSSI signal

Mechanical & environmental

Weight	0.77 kg
Dimensions	395 × 100 × 90 mm
Operating temperature	-20 to +70°C
Mounting	Pole mount with supplied mounting kit
Weather protection	IP65
Storage temperature	-40 to +85 °C
Operating humidity	10-95%, non-condensing

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