Wireless Engineered For Mission-Critical Surveillance

Real-Time Speed & Traffic Control → Crime Deterrence And Public Security → Emergency Response Enablement



CONNECTING HIGH-STAKES SECURITY WITH UNCOMPROMISING RESILIENCE

Astrawireless

Purpose-Built For Noisy Urban Environments

Astrawireless solutions use ultra-narrow channels to operate efficiently in congested urban spectrum. Prioritizing one-way transmission, the system allocates bandwidth for uninterrupted video flow

Self-Optimizing, Fail-Safe Network

Advanced interference mitigation, dynamic bandwidth management, and carrier-grade stability ensure 24/7 operation — even in congested RF environments

Hardened For Security-Critical Infrastructure

Built-in cybersecurity with proprietary OS, encrypted data channels, and integrated firewall — ensuring safe transmission across public and private networks

Go-To Solution For Urban CCTV

Evolution ST combines stable uplink with a compact, flat-panel design that blends into building facades. Easy to paint or cover, it delivers high performance with minimal visual impact — designed to perform discreetly in urban settings

Last-Mile For High-Priority Connections

Quanta delivers resilient wireless links in highly congested and spectrum-limited environments where reliability is non-negotiable



Scalable Point-To-Multipoint CCTV Coverage

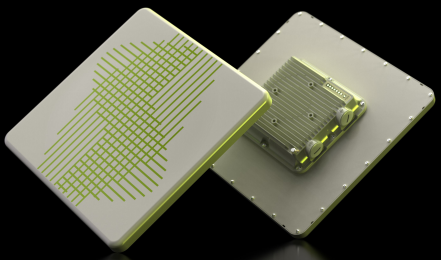
Evolution base stations serve as the central nodes in a point-to-multipoint setup, wirelessly connecting dozens of cameras even at distances of 10 km — ideal for urban areas, highways, and roadside deployments

Industrial-Grade Uplink For Complex Sites

Quanta is a strong fit as a backhaul solution for large-scale CCTV installations. A notable example is remote industrial sites where fiber backbone is not available — aggregating uplink from hundreds of video streams across perimeter, access, and operational zones, and delivering the consolidated feed to remote security teams for real-time monitoring

Backhaul For Complex, Interference-Prone Sites

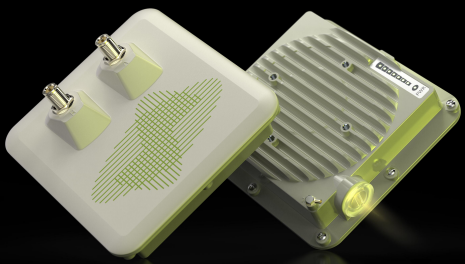
ASTRA Quanta is used as a last-mile wireless bridge in high-interference areas with scarce spectrum — or to aggregate uplink traffic from multiple base stations and deliver it to the Point of Presence



ASTRA QUANTA

Flexible Terminal For Distributed CCTV Points

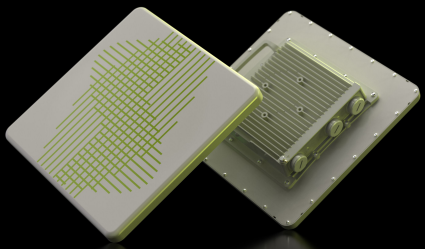
ASTRA Evolution ST can operate as a subscriber terminal in point-to-multipoint mode or form a dedicated point-to-point link — supporting flexible CCTV topologies across short and medium distances



ASTRA EVOLUTION ST

Central Node For Multi-Camera Aggregation

ASTRA Evolution BS enables high-performance aggregation of multiple ST units within a single location. It streamlines traffic consolidation from dispersed cameras, enabling scalable CCTV deployments



ASTRA EVOLUTION BS

Astrawireless

Develops high-capacity wireless systems for backhauls and access networks, designed for complex, high-performance environments