

## POLE-MOUNTED SMART SECURITY NODE

# AutoGuard Pole

## AG-P100 • SPECIFICATION AND APPLICATION DATA

A fully self-contained, AI-powered security node that mounts on any existing pole, wall or structure. No trenching, no new infrastructure, no site disruption. Multi-sensor 4K video, thermal imaging, PTZ tracking, fisheye anti-blind-spot coverage, live audio talk-down and a deterrence strobe in one hardened enclosure, backed by Aventyr's ULC-certified 24/7 monitoring for live response, verified alarms and dispatch-grade evidence.


**4K**

Multi-sensor video

**48<sub>HR</sub>**

UL-Listed UPS battery backup

**3<sub>YR</sub>**

On-device video retention

**-40-50°C**

Operating range

### KEY FEATURES

- Mounts to any existing pole, wall or structure
- Unlimited 5G cellular with site-wide Wi-Fi broadcast
- Integrated audio talk-down speaker horn
- High-intensity deterrence strobe, auto-triggered on detection
- Up to 48 hours of UL-Listed UPS battery backup
- Facial recognition and licence plate recognition (ALPR)
- Up to 3 years of on-device 4K video retention
- Operates from -40 °C to +50 °C, heater kit optional

### CAMERAS AND AI ANALYTICS

- Dual 4K cameras plus PTZ for active tracking and zoom
- Military-grade thermal optics for zero-light detection
- Fisheye camera removes the blind spot directly below the unit
- Edge AI person and vehicle discrimination, no false alarms on animals or foliage
- Licence plate capture and watchlist matching
- Facial recognition with authorized-personnel exclusion
- Loitering, line-crossing and perimeter-breach alerts

### CONNECTIVITY AND POWER

- Independent 5G cellular with multi-carrier failover
- Onboard Wi-Fi broadcast for site personnel and devices
- 110 V AC input, solar and PoE options available
- UL-Listed power supply, 48-hour lithium UPS
- AC-fail, low-battery, charger-fail and DC-fail detection
- Surge protection and GPS position monitoring
- Encrypted link to Aventyr ULC-certified monitoring

### ENCLOSURE AND DEPLOYMENT

- IP66-rated hardened aluminum enclosure
- Tamper detection on cover and mounting bracket
- Universal pole, wall and column mounting hardware
- Typical install under 2 hours, zero trenching
- Video retention configurable: 30 / 60 / 90 / 120 / 365 days
- Auto-arm failsafe on a pre-determined schedule
- Live voice-down and verified-alarm guard dispatch