

MOBILE SOLAR SURVEILLANCE CART

AutoGuard Cart AG-C100

A fully self-contained, AI-powered mobile surveillance cart that deploys anywhere in minutes — no trenching, no permanent infrastructure, no site power required. Combines a Ubiquiti UniFi Multisensor 4-camera array delivering true 360° 4K coverage, cellular connectivity, deterrence siren and strobe, and onboard solar power into a single rollaway platform. Every AutoGuard Cart is backed by Aventyr's ULC-certified 24/7 monitoring station for live response, verified alarms, and dispatch-grade evidence.



4x4_k

MULTISENSOR VIDEO

360°

COVERAGE

30_{DAY}

VIDEO RETENTION

300_W

SOLAR CHARGING

KEY FEATURES

- Rapid deployment — rolls through standard 36" door opening
- Telescoping 12-foot mast rotates a full 360 degrees
- Unlimited 4G/5G cellular — no site internet required
- Integrated high-decibel deterrence siren & strobe
- Two-way audio talk-down through monitoring centre
- 300 W solar panel with MPPT controller — runs indefinitely
- Edge AI person & vehicle detection — no animal false alarms
- Operates in all-weather Canadian conditions

CAMERAS & AI ANALYTICS

- Ubiquiti UniFi Protect Multisensor — four 4K image sensors
- True 360° panoramic coverage from a single mast head
- Integrated IR illumination for full-darkness performance
- Edge AI with person / vehicle discrimination
- Loitering, line-crossing & perimeter-breach alerts
- License plate capture & watchlist matching
- Smart motion zones tuned per-site to suppress false alarms
- Encrypted live & recorded video streamed to monitoring centre

CONNECTIVITY & POWER

- Independent 4G/5G cellular with multi-carrier failover
- Onboard Wi-Fi broadcast for site personnel & devices
- 300 W tilting solar panel — adjusts to 45° for optimal charging
- MPPT solar controller for maximum harvest & runtime
- Sealed deep-cycle battery bank, ~2-day autonomous runtime
- 250 W power inverter for sensitive electronics
- Integrated state-of-charge meter & remote battery telemetry
- Encrypted link to Aventyr ULC-certified monitoring centre

ENCLOSURE & DEPLOYMENT

- Weathertight powder-coated aluminum enclosure
- All-welded tubular steel frame — built for long service life
- Three-point door latch with lockable handle
- Three-wheel kit with push handle — one-person repositioning
- Four adjustable screw pads for leveling & stability
- Typical deployment time: under 30 minutes
- 30-day on-device video retention (configurable on request)
- Live voice-down & verified-alarm guard dispatch