



# Boundless Security Systems, Inc.

**low power outdoor wireless covert camera systems**

**“The Ghost”**

## **Ultra Low Power, 5MP Outdoor Covert Cellular PTZ Pole Camera System**

Provides the Freedom to use anywhere there's cell service, without AC power. Small, very low power, ultra low bandwidth, high definition, outdoor covert cellular true-PTZ camera system for use at 25 to 150 yards, slashes battery and solar power needs.

Covert cellular IP camera  
High definition, low power  
Counter-terrorism, counter-drug, counter-gang, SWAT  
Utility pole camera  
Rugged traffic trailer camera  
Sand- and dust-resistant

### Benefits

- Turnkey, set up covert outdoor **high def** digital video surveillance in minutes via cellular network and Internet for both live and recorded video
- Much smaller, less conspicuous, lower bandwidth, lower power, and more capable than an IP PTZ camera and cell modem in a covert housing
- Very low power dissipation for battery and solar, typ. only 4W with active 4GLTE cell connection, *Modem Idle Scheduling* reduces to typ. 3W
- 5 MP, 1/4" CMOS color image sensor with back-side illumination for better low light performance
- IR-cut filter is automatically removed in low light
- Live video stream compatible with most VMS's
- Records video internally, avoiding distant network video recorder and constant network traffic, recording better video than could be sent to it, reducing cellular traffic by 250+ GB/month
- Unique concealed **Forward Pivot™** true PTZ camera with four-point suspension is small and rugged yet provides remotely controlled mechanical pan and +/- tilt, and optical zoom, with small clear window that avoids light loss in low light
- 12-33 mm optical zoom at 1920x1080, +/-22.5° mechanical pan and tilt, with focal lengths for long range use (car license plate at 150 yards<sup>5</sup>)
- Dual-stream optimization: **monitoring stream** is live and internally recorded 24/7 at 960 x 540 @ 10 fps, plus sharper, **evidentiary stream**: 1920 x 1080 @ 10 fps is internally recorded 24/7
- Rapid access video file system greatly reduces time to view and download video segments
- 250 GB (~3 wk) internal video storage, opt. up to 2 TB for ~26 weeks of continuous storage
- View natively in *Chrome* browser on most devices, view live natively on most mobile devices
- Patented **Rapid Review/Integrated Time-Lapse™** for reviewing hour's recorded video *over the air in 60 seconds*, and other time-saving APPS
- Optional patented **Stranger Detector™ Smart Phone WiFi Monitoring System**

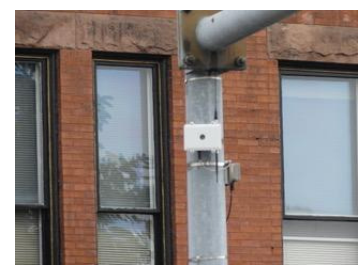


High Gain  
4GLTE Cellular  
Network  
Antennas



Custom built and configured in USA

**Small, innocuous, outdoor telecom housing only 6"H x 8"W x 4"D, approx. 5# (photo varies)**



Small, 1" dia. clear, scratch- and abrasion-resistant, fused silica or opt. sapphire window for concealed 5 mega-pixel **Forward Pivot™** true-PTZ color camera.

- Wide range DC power input (12 to 15 VDC) with low voltage shut down
- “Smart” battery monitoring with estimated run time remaining
- Internal battery-free shutdown UPS bridges brief power failures and provides clean shutdowns
- 14+ days 24/7 run time on ext., 12V 120AH LiFe-PO4 lithium battery (not incl.), longer with *Modem Idle Scheduling* (modem active on a schedule)
- Timestamps on 1920x1080 video as soft subtitles
- Industrial grade 4GLTE cell modem (svc. not incl.)
- Totally sealed avoids ingress of dust & moisture
- Uses Cloud-based **Portal** for software updates, power management, status reports, APPS...
- Very easy to use, one-page quick-start guide
- Custom built and fully configured, ready to use
- Ideal for smaller towns, no IT setup required



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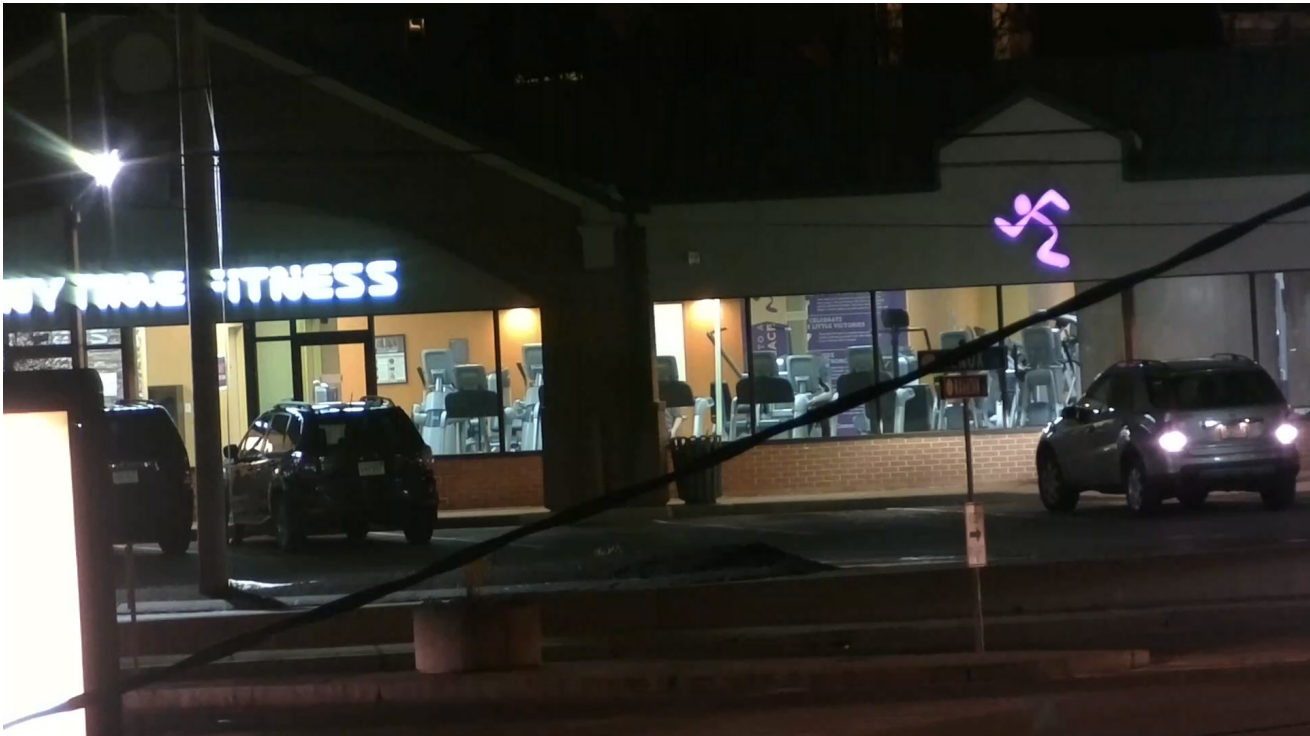
Covert cellular IP camera  
High definition, low power  
Counter-terrorism, counter-drug, counter-gang, SWAT  
Utility pole camera  
Rugged traffic trailer camera  
Environmental monitoring

## **Ultra Low Power, 5MP Outdoor Covert Cellular PTZ Pole Camera System**

Small, inconspicuous, ultra low power, ultra low bandwidth, high definition, custom-preconfigured, outdoor covert cellular system is plug-and-play and intended for use at 25 to 150 yards.



Vehicle license plate can be read at a distance of approx. 150 yards in daylight at max. zoom



Vehicles approx. 200 yards from camera at night at maximum optical zoom