



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 yards⁵)
- 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**



Custom built and configured in USA

High Gain 4GLTE Cellular Network Antennas

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

WiFi Antenna for opt. Stranger Detector™



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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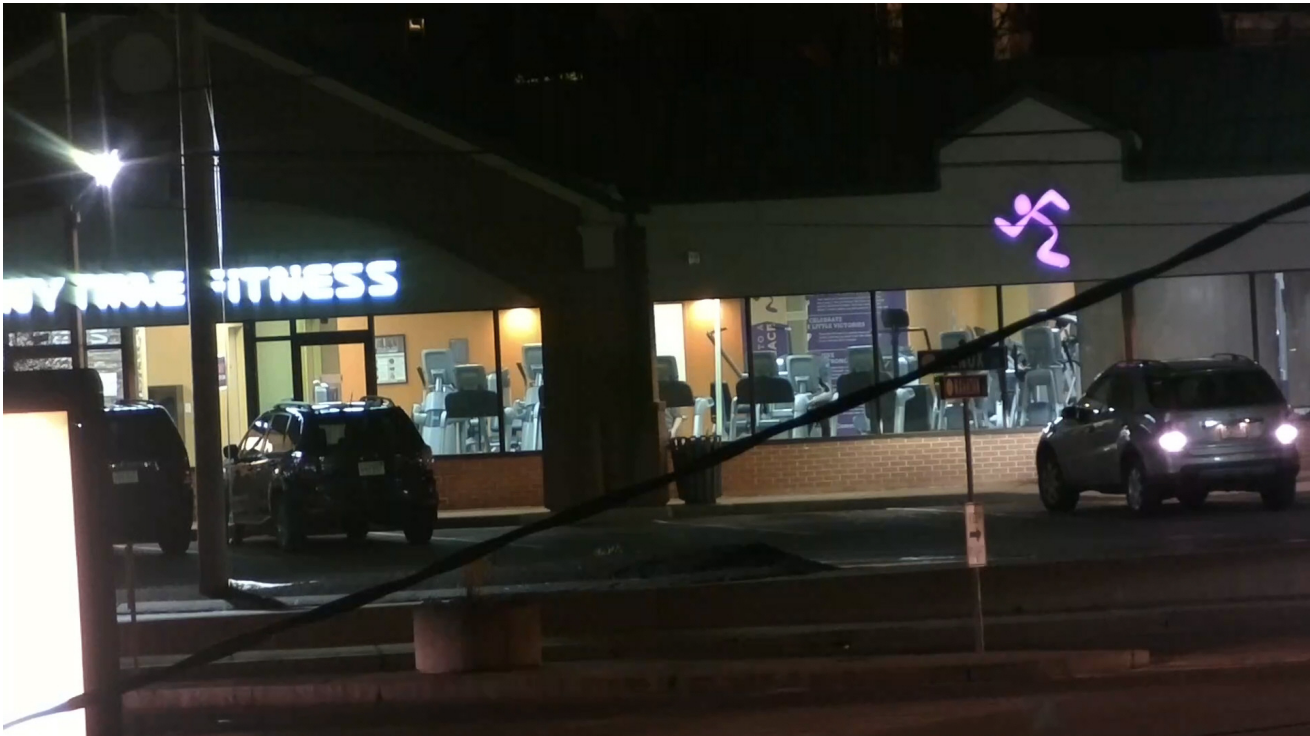
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Rugged traffic trailer camera
Environmental monitoring

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