



Boundless Security Systems, Inc.

low power outdoor wireless covert cameras

Covert cellular IP camera
High definition, low power
Counter-terrorists
Counter-drug
Utility pole camera
Dusty environments
Sand-resistant

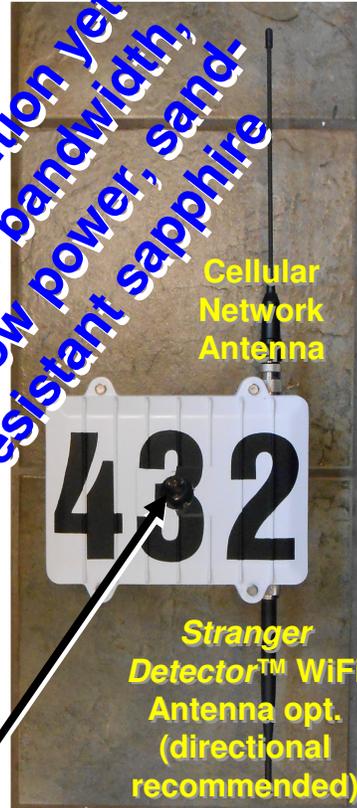
Sand-Resistant, 8 MP Outdoor Covert Cellular Smart μ PTZ Camera Model 3

Small, very low power, ultra low bandwidth, high definition, covert cellular system for use at 65 to 200 yards, slashes battery and solar power needs, tough sapphire window resists blowing sand and dust.

Benefits

- Turnkey, set up covert outdoor **high def** digital video surveillance in minutes via cellular network and Internet for both live and recorded video
- Rugged, totally sealed avoids ingress of dust & moisture, highly scratch- and abrasion-resistant sapphire window stands up to sand and dust
- 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 2 watts with 3G CDMA cell service, continuous HD video capture, modem on a schedule
- 8 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
- 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™** micro-PTZ camera with four-point suspension is small and rugged yet provides remotely controlled motorized pan and +/- tilt, and motorized optical zoom, with small, tough, colorless sapphire window
- 12-36 mm optical zoom at 1920x1080, +/-22.5° motorized pan and tilt, with focal lengths for long range use (license plate at up to 200 yards)
- Sharp dual-stream optimization: **monitoring stream** is live and internally recorded 24/7 at 960 x 540 @ 5 fps, PLUS **evidentiary stream**: 1920 x 1080 @ 5 fps is also internally recorded 24/7
- Rapid access video file system greatly reduces time to view and download video segments
- 256GB (2+ wk) high-rel solid state video storage
- View natively in browser on PC's and Android, view live on iOS devices using a media player
- Optional **Rapid Review™** for reviewing hour's or day's recorded video *over the air in 30 seconds*
- Patented **Stranger Detector™ WiFi Monitoring** locating system detects *patterns of presence* of persons whose identities are unknown

High definition yet
ultra low bandwidth,
very low power, sand-
resistant sapphire



Custom built and configured in USA

Small, innocuous, white outdoor telecom housing only 6"H x 8"W x 3.5"D, approx. 5#



1" dia. sapphire window, second only to diamond for hardness, for concealed 8 mega-pixel **Forward Pivot™** micro PTZ color camera with concealing cover numerals. See: <http://www.guildoptics.com/scratch-this-sapphire-vs-glass/>

- White enclosure minimizes solar heating
- 12 VDC nominal, wide range input (11.5 to 15V) with low voltage shut down
- Weatherproof external USB jack for video backup
- "Smart" battery monitoring with estimated run time remaining 
- Internal battery-free shutdown UPS bridges brief power failures and provides clean shutdowns
- Up to 1-month 24/7 video run time on ext., 12 V Group 31, 125 AH LiFePO4 battery (not incl.), or indefinitely with small ext. solar power system
- Timestamps on 1920x1080 video as soft subtitles
- Industrial grade cell modem (svc. not incl.)
- Cloud-based **Portal** for flexible user interface and ability to tunnel through GSM cellular firewalls
- Very easy to use, half-page quick-start guide
- Custom built and fully configured, ready to use