



Boundless Security Systems, Inc.

the communications bandwidth experts

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Economical, Pole Dual-Camera System for Amber Alert Video Capture for Small Towns

Boundless' **PanoView™** has Two Built-In PTZ Cameras, Internal Recording and Ultra Low Bandwidth, Cellular Communications

Easily installed, rustproof outdoor system-in-a-box has sealed thermal management system with dual-chamber heat exchanger. It operates over wide temperatures and is not affected by airborne contaminants, such as salt-water marsh fog.

Preconfigured system internally records video more sharply and consistently, and with far higher frame rate than can be sent live and avoids need to use a dedicated wireless network for video.

Boundless uses bandwidth-saving, video-on-demand with near-camera recording of many different video streams, not bandwidth-hogging video streaming with central recording of one stream. Many different video streams and recording internal to turn-key **PanoView™** provide better recorded video than can be sent live, enable using many cameras in a neighborhood without sacrificing recording quality, avoid need for a central video recording server, and avoid heavy continuous traffic on cellular networks.

Boundless' **PanoView™** with Two PTZ Cameras Gives Wide-Angle Situation and Closeup Views at Same Time, Solving the *Where do I Point the Camera?* Problem

Preconfigured, apply power and you're up and running. Outdoor system has two internal PTZ cameras, network video recorder, many-diverse-stream video communications system, and cellular modem. It contains Boundless' ultra low bandwidth, **Multi-Stream Video Server**, providing a turn-key, wireless, digital video surveillance, pole dual-camera system that can be set up quickly and monitored remotely via the Internet even when cellular networks are congested. Optimized PTZ control has low latency. Pressure-relieved, magnetic hard drive provides long video storage economically, and avoids airborne moisture and contaminant problems. Hours of video can be searched in seconds. Video can be annotated in an interview-room fashion for intelligent archiving and searching¹. Box approx. 16x13x8 in.

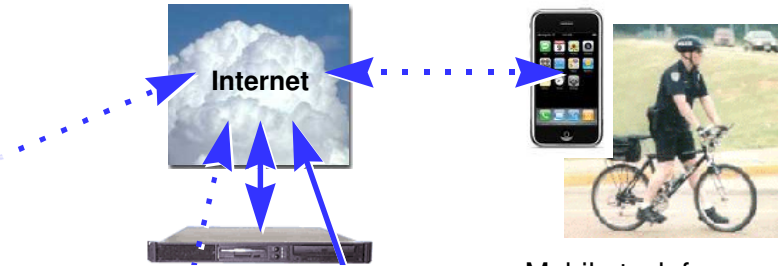
Internal Boundless' **Multi-Stream Video Server** creates three to eight internal IP-video streams *per camera* simultaneously, with different resolutions, frame rates and data rates, optimizing video for live and recorded remote viewing by teams for **situation assessment**, **monitoring** and **investigations**. Three resolutions are produced simultaneously for each internal camera. Live video can be viewed with as little as 8 Kbps.



Exposed domes of two PTZ cameras provide wide views



VGA, QVGA, QQVGA



Boundless' **Event Broadcast Server**¹ provides an encrypted virtual private network for Boundless' **Multi-Stream Video Servers**, converts live and recorded video for viewing in a browser by many viewers at once, implements Boundless' **Rapid Notification System**, and provides intelligent archiving.



Mobile Data Terminals with Boundless' **Control Panel** client viewing and searching software access Boundless' **Multi-Stream Video Servers** for live and recorded video, and search recorded video. Or, with Boundless' **Event Broadcast Server**, video can be viewed and annotated, PTZ cameras controlled, and rapid alerts received, in web browsers¹.



Mobile task forces view live and recorded video, control PTZ cameras, and annotate video on smartphones including iPhone and BlackBerry 7630 in a browser without any special software¹. Rapid alert messages with live and recorded video, not just snapshots, are pushed to viewers so they can respond quickly.



Command Centers have Boundless' **Control Panel** live and recorded viewing, and motion searching software, and web browsers on PC's. Dispatchers can push video messages to mobile forces and broadcast **Amber Alert** video to public¹.