



Boundless Security Systems, Inc.

the communications bandwidth experts

© 2011 Boundless Security Systems, Inc. (BSSI)
3 Simm Lane, Unit #1F • Newtown, CT 06470 USA
tel. 203-445-0562 • www.BoundlessSecurity.com

Boundless' Ultra Low Bandwidth, Indoor, Outdoor and Mobile, Digital Video Surveillance System Provides *Freedom of Access* to Video for Homeland Security and Law Enforcement Task Forces

to 4
CCTV



Indoor and mobile models of Boundless' **Transcoding Multi-Stream Video Server™** handle CCTV cameras and/or IP-cameras



to 8
IP

Boundless' **Outdoor Transcoding Video Server** has up to eight IP-inputs, up to 1 TB of internal disk storage, thermal and power management systems, and shutdown UPS. It is a transcoding, outdoor digital video surveillance base station that avoids overloading wide area networks. Its two-stage heat exchanger cools internal equipment and protects it from dust and pollutants. Not just a NVR, high bandwidth high quality video from nearby IP-cameras is decoded, many different video streams with a 100:1 range of data rates are formed for each; all streams are compressed with MPEG-4 and recorded internally.



Exposed domes of two PTZ cameras provide wide views



Boundless' outdoor **PanoView™** with two internal PTZ cameras gives wide-angle situation assesment and closeup views at the same time, solving the, "Where do I Point the Camera?" problem. Internally recorded video can be encrypted with secure remote dynamic authentication.

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.

VGA, QVGA, QQVGA



Boundless' **Event Broadcast Server¹** 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 without overloading field uplinks, and implements Boundless' **Rapid Notification System**. Optional **Map-View** enables quickly and easily searching for and viewing cameras via Google maps.

Mobile task forces view live and recorded video, control PTZ cameras on smartphones including *iPhone, Droid* 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.



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. Recorded video can be viewed at up to 8X normal speed for fast review.



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 task forces and broadcast video to public¹.