



Boundless Security Systems, Inc.

sharper images with better access and easier installation

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Ultra Low Bandwidth, *Boundless Security System™* Provides Live Remote Viewing of 27 Cameras Simultaneously at 10 Frames per Second in Only 800 Kbps

The screenshot displays a software interface for monitoring 27 cameras. The main area is a grid of 27 video windows, each showing a different camera feed from a factory. Above each window, the camera name and its current bandwidth are shown in green. For example, the top row includes 'Garage' (17 Kbps), 'Grinding Ro.' (26 Kbps), 'Loading Doc.' (15 Kbps), 'Oil Heater' (19 Kbps), 'Out Back Par.' (9 Kbps), and 'Out Drive St.' (16 Kbps). The interface also features a left sidebar with playback controls (play, stop, record), zoom and export options, and a tree view of the camera locations. The title bar of the window reads 'Control Panel and Video Player by Boundless Security Systems, Inc. @ www.BoundlessS.com [C:\Boundless\Sessions\27 qqvga 10 fps 122706-01.ses]'.

Complex, rapidly changing remote situations, can be analyzed quickly.

Total remote situation awareness is provided in a single view.

No time wasted cycling through multiple cameras.

Multiple frames per second per camera capture rapid change even over relatively slow cellular and satellite wireless networks.



The ultra low bandwidth, advanced IP-based, multi-stream, *Boundless Security System™* provides unprecedented remote access to live and recorded video, and rapid searching. This screen shot of Boundless' *Control Panel* client live and recorded viewing, and searching software shows remote live viewing on a laptop PC of 27 QQVGA video streams simultaneously with 10 fps/camera of a factory. The total bandwidth is only 731 Kbps (varies) in this example. The name of the site, names of some of the 28 cameras at this site, and multiple resolution, frame rate and data rate, IP-video streams for each of the CCTV cameras, are shown at left. The instantaneous live bandwidth of each video stream is shown in green.