

ThirdEye™

Video surveillance solution over bonded Internet connections



ThirdEye is an ultra portable palm sized device that facilitates live video applications for PTZ (Pan/Tilt/Zoom) video cameras over bonded IP connections such as wireless cellular cards, DSL, cable and/or T1. Simply connect ThirdEye to a remote PTZ camera system and ThirdEye will enable a live video feed and allow for control of the PTZ camera via the bonded internet connection between the ThirdEye field unit and the ThirdEye server. The ThirdEye sever can be installed at any location with internet connectivity such as the monitoring headquarters or a data center. ThirdEye is ideal for security and law-enforcement applications where various field units can feed video to a command center which can control the pan, tilt and zoom controls remotely over the bonded connection. Up to 4 Internet connections can be combined to increase the available bandwidth for high quality and very reliable video. ThirdEye will accept an Ethernet feed from a PTZ camera, or PTZ camera gateway. The bonded IP tunnel between the PTZ camera(s) and the receive terminal transparently replaces the wired connectivity normally required for the PTZ camera.

FEATURES

Transparent video over bonded Internet-

ThirdEye replaces the required wired Internet line in your existing PTZ camera system with a bonded wireless Internet connection. You can seamlessly connect your PTZ camera or PTZ camera gateway to the ThirdEye via Ethernet cable to enable remote monitoring.

Support for most types of PTZ cameras

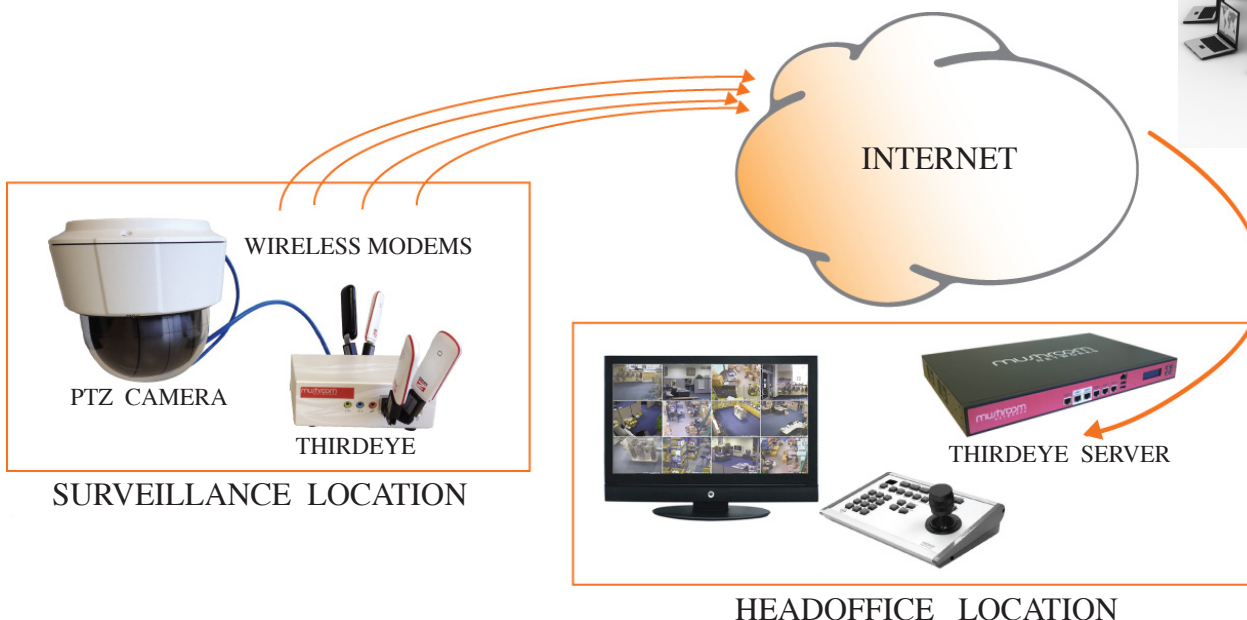
ThirdEye supports most of the popular PTZ cameras that utilize motion-jpeg encoding.

High quality video streaming - The cutting-edge resource allocation and bonding algorithms provide an excellent video stream with high resolution and a smooth frame rate.

Reliable video feed - ThirdEye is designed to cope with and shield from the unavoidable fluctuations and performance variations of the cellular networks. The net result is reliable video feed even when some wireless cards may disconnect.

High speed Internet access - ThirdEye can also be used to access the Internet over the bonded connection.

Video without limits



Portable / mobile video surveillance with ThirdEye™

FIELD MODULE SPECIFICATIONS

Mechanical Dimensions	5.7"(W) x 3.9" (D) x 2.0"(H), ultra portable
Weight	1.32 lbs.
Input Power Requirement	external power supply or optional rechargeable battery
USB ports	4 (for cellular data card)
LAN ports (10/100baseT, auto-sensed)	1 (RJ-45 Ethernet connector)
Wired WAN ports	4 (via the optional USB-to-Ethernet converter kit)
Certifications	FCC, CE, RoHS-5, ICES-03, UL, cUL
Operating Temperature Range	32-113 F, 0-45 °C
Relative Humidity Range	0-90% @ 45 °C , non-condensing
Storage Temperature Range	14-140 F, -10 - 60 °C
Max throughput	35 Mbps
Device management	<ul style="list-style-type: none"> - Web based management - SNMP - Remote syslog - Email alerts

HEADQUARTER MODULE SPECIFICATIONS

Mechanical Dimensions	16.92"(W)x11.85"(D)x1.73"(H), 19-inch rack mountable
Weight	19 lbs.
Power Requirement	Built in 270 ATX Power supply operated by 110/220V AC
IP transport	4 Gigabit Ethernet WAN ports 2 Gigabit Ethernet LAN ports
Certifications	FCC, CE, RoHS-5, ICES-03, UL, cUL
Temperature Range	0 - 50°C (operating), -20 - 70°C (storage)
Humidity Range	10-95%, non-condensing (operating)
Cooling	Rear-panel fans

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