

# ThirdEye™

*Mobile video surveillance solution over bonded 3G/4G wireless*



ThirdEye is an ultra portable device that facilitates live video applications for PTZ (Pan/Tilt/Zoom) video cameras over bonded IP connections such as up to eight 3G/4G 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 & control center which can control the pan, tilt and zoom controls remotely over the bonded connection. Up to 8 Internet connections can be combined to increase the available bandwidth for high quality and very reliable video. ThirdEye will accept an Ethernet or WiFi feed from a PTZ camera, or PTZ camera gateway. This 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 or WiFi to enable remote monitoring.

### Support for most types of PTZ cameras

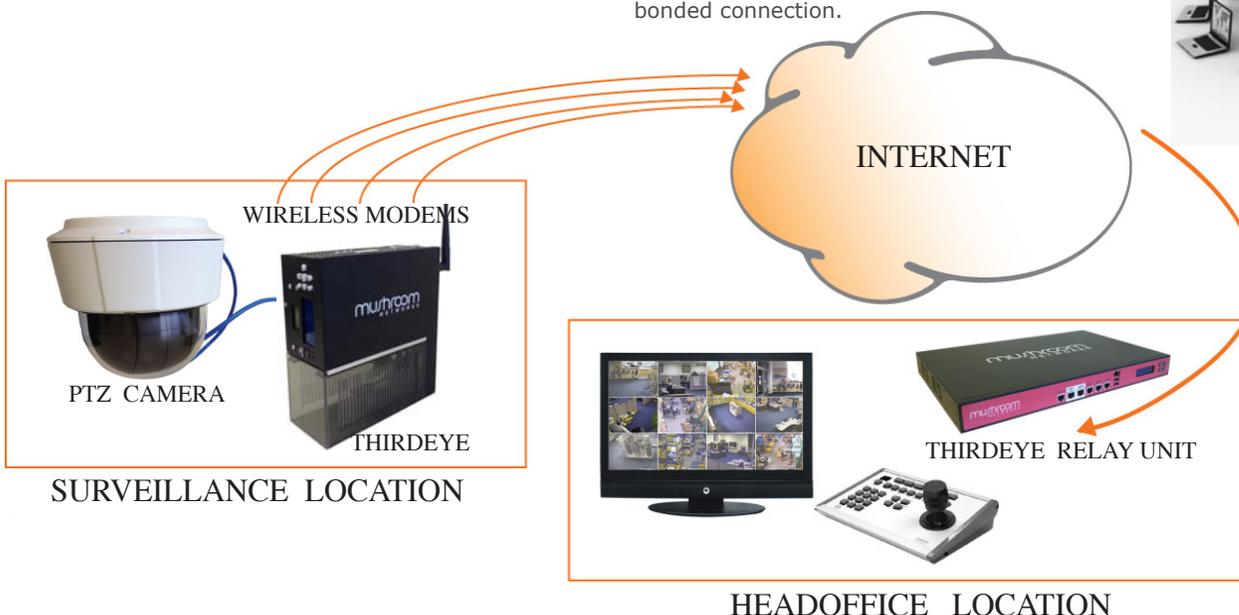
ThirdEye supports most of the popular PTZ cameras including motion-jpeg encoding.

**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 and excellent responsiveness for pan, tilt and zoom actions.

**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 fluctuate or 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	7.75"(W) x 3.13" (D) x 8.25"(H), ultra portable
Weight	4.2 lbs (including optional embedded rechargeable battery)
Input Power Requirement	12V DC via external power adaptor (110/240V AC) or optional embedded rechargeable battery
USB ports	8 (for cellular data card)
LAN ports (10/100baseT, auto-sensed)	1 (RJ-45 Ethernet connector)
Wired WAN ports	1 builtin + 8 (via the optional USB-to-Ethernet converter kit)
Operating Temperature Range	-4 - 140 F, -20 - 60 °C
Relative Humidity Range	5% - 95% non-condensing
Storage Temperature Range	-22 - 158 F, -30 - 70 °C
Sliding Cover	Rail based sliding hardened cover protects the 3G/4G wireless cards connected via the stress-relief connectors
Max throughput	30 Mbps
Device management	<ul style="list-style-type: none"> <li>- Web based management</li> <li>- SNMP</li> <li>- Remote syslog</li> <li>- Email alerts</li> </ul>

## HEADQUARTER RELAY UNIT 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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