

AlarmView



MTeye Security Ltd. designs, develops and markets state-of-the-art wireless video surveillance solutions for the security, cellular telecommunications and homeland security & surveillance industries worldwide. Our patented technologies enable the wireless transmission of quality images and streaming video over cellular networks and broadband environments. Coupled with our expertise in wireless communication, product miniaturization & video compression/transmission, MTeye Security possesses a unique and sustainable competitive advantage by providing a new level of security over a wide range of wireless video services: video message notification, video alarm verification, video exploration and remote viewing.

MTeye Security is a wholly-owned subsidiary of MTI Computers (MTCO-Tel Aviv Stock Exchange), a longstanding and well-respected Israeli corporation that delivers wireless communication and engineering solutions to global markets.

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AlarmView

MTeye opens a window to your world from wherever you are



Whether on holiday, at work or at the gym, AlarmView opens a window to your world, offering remote viewing and video verification on your mobile phone, anywhere & anytime.

AlarmView

MTeye Security introduces AlarmView, a battery-operated DIY wireless video solution that provides a new level of immediacy and convenience to match today's busy lifestyle. The ability to view your home or office on your mobile phone, anywhere/anytime, presents a new paradigm in video monitoring. A combination of "always-on" connectivity and "security-on-the-go" benefits all partners - end-users, mobile operators and security providers alike. The AlarmView offers exciting revenue generating possibilities for both the mobile and security industries:

Mobile Environment

AlarmView enables mobile operators to offer unique value-added messaging services. Through simple SMS commands, end users request, receive and view real-time images or streaming video on their mobile phones and/or via e-mail. As MMS traffic is generated following detection activations and in response to SMS requests, this solution has mass market appeal - encouraging the uptake of mobile data services, increasing ARPU, reducing churn, and efficiently using available bandwidth to generate incremental revenue.



Security Environment

Security providers continue to search for new technologies to enhance their revenue stream and to reduce the expenses caused by false alarms. MTeye Security's AlarmView elevates home/office safety and security to a new level. The AlarmView wireless video verification system can be installed as a stand-alone surveillance solution, or as a seamless add-on to any existing wired/wireless alarm system. When the system is triggered, either by an event or by a viewing request, SmartView/LiveView sensors capture real-time images or streaming video of the secured area and transmit these as MMS messages to any pre-programmed mobile phone and/or e-mail address. The AlarmView system provides the following functions:

- **Notification:** remote visual notification when an alarm is triggered
- **Verification:** reduce false alarm costs through visual verification (DD243:2004 compliant)
- **Remote viewing:** view the secured site wherever you are and whenever you want
 - safe arrival of children from school
 - stock delivered to warehouse
 - status of remote summer/winter home
 - business is open on time
 - care of loved ones (elderly, infants)



AlarmView

The AlarmView wireless video verification solution from MTeye Security is a plug-n-play digital wireless system that opens a window to your world: remotely view (pull) real-time images or streaming video, and visually verify alarm events (push) via mobile or e-mail.

The AlarmView system components communicate via a secure (48-bit), fully encrypted/authenticated wireless link. Transmitting on the worldwide license-free 2.4GHz band, our proprietary wireless devices incorporate field-proven frequency hopping, spread spectrum (FHSS) wireless communication. Extended wireless range (100m/330ft indoors) & menu-driven programming make do-it-yourself installation quick & simple. And with MTeye's video compression, images are compressed to <15kb for fast transmission and efficient use of available bandwidth.

MTeye opens a window to your world from wherever you are



Media Gateway

The Media Gateway is the system hub, supporting up to six SmartView and/or LiveView sensors; with the integrated quad-band GSM/GPRS modem, images/video from the sensors are transmitted to mobile phones and/or e-mail addresses. By connecting the Media Gateway to an alarm panel, both units can be armed simultaneously; an alarm will trigger the AlarmView system to capture images and/or video. In addition to three trigger inputs, the Media Gateway also includes a programmable relay output.

SmartView

The SmartView is a supervised wireless motion detector combined with a high-quality VGA color CMOS camera. The SmartView boasts a robust, low power two-way communication link that is monitored every 20 seconds! When the AlarmView system is armed, a pre-alarm image is stored by the SmartView sensors. After alarm detection, the SmartView stores and forwards an additional two images to the Media Gateway, thereby providing pre-alarm, alarm and post-alarm images.

LiveView

The LiveView is a supervised wireless motion detector combined with a high-quality VGA color CMOS camera that provides streaming video recording/transmission based on an MPEG-4 media processor. When the sensor detects movement it transmits a 10-second streaming video clip (up to 25fps) to the Media Gateway, providing both pre and post-alarm video capture.

Media Gateway

- Transmits images/streaming video to 4 different mobile phones and/or e-mail accounts
- Integrated quad-band GSM/GPRS Modem (850/900/1800/1900MHz)
- Privacy friendly (only defined contacts can request & receive images/video)
- USB (Mass Storage Device) interface – for image/video backup & system upgrade
- DIY installation - user friendly, menu-driver graphic MMI
- Remote arm/disarm & query system via simple SMS commands
- Rechargeable backup battery (2Ah - 12 hours of backup operation)

SmartView Sensor

- Pre-alarm, alarm and post-alarm image capture & transmission to Media Gateway (<15kb per image)
- Wireless motion detector combined with color CMOS camera (320 x 240)
- Dual element PIR with matching field-of-view for easy installation
- 7m/23ft. coverage
- Compact plug-n-play device w/ built-in flash for low light operation
- Secure 2.4GHz two-way wireless communication using FHSS technology
- Rear battery compartment (end user can easily replace) w/ 2 x AA batteries for up to three years of operation

LiveView Sensor

- Video clip recording & transmission to Media Gateway (10-second video clip <100kb)
- Wireless motion detector combined with color CMOS camera (640 X 480)
- Dual element PIR with matching field-of-view for easy installation
- MPEG-4 video compression (up to 25fps)
- Compact plug-n-play device w/ built-in flash for low light operation
- Secure 2.4GHz two-way wireless communication using FHSS technology
- 2 x AA batteries (end user can easily replace)
- AC power adapter option

