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Showcase: Surveillance & Night Vision

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Goggle optimized for variable lighting

ITT Night Vision offers the ITT Night Enforcer PVS-14 for homeland security, law enforcement and first responders. The PVS-14 is now manufactured with commercial Pinnacle image tubes and utilizes the same optics, housings, assembly and testing used in ITT military systems. The NEPVS-14 features the superior performance of the Generation 3 F9815 Pinnacle image intensifier with manual gain control to optimize resolution in variable lighting conditions for better situational awareness. The NEPVS-14 can be handheld, head-, helmet- or weapon-mounted, or attached to cameras for surveillance ops and gathering evidentiary data.



Portable security surveillance

Wanco Inc. announced its portable surveillance product security arena allows law enforcement to view and control up to 16 cameras from a remote location using a personal computer and an Internet connection. Versatile pan-tilt-zoom (PTZ) cameras and an integrated digital video recorder make site monitoring easy. Users can control the cameras, access live and recorded video and configure the equipment remotely or via the integrated control center. Up to four cameras can be mounted atop an electrically hoisted mast, which extends to 26 feet in height. Additional components can be added to the mast, including thermal cameras, radar units, motion sensors, lights and audible alarms. Extremely portable and rapidly deployable, Wanco Security is suitable for use in a variety of applications. With Wanco Security, users can monitor areas that are prime targets for theft and vandalism. Security personnel can survey crowds at conventions, sporting events and other public gatherings. Border patrols can employ Wanco Security in areas that are remote or otherwise difficult to monitor.



Tactical patrol-version viewer

Now in a Patrol Version (PV), TacView Inc.'s IR/color telescopic pole camera allows a law enforcement officer a viewing position 12 feet above-ground, expandable from 42 inches to 63 inches. With the same specifications as the SWAT version, the TacView PV is weatherproof, includes a video-out jack to record the video to a VCR, camcorder, digital recording device or feed to the optional helmet display. Also included is a chest harness and carabineer for mounting the monitor onto the front or back of a uniform or load-bearing vest.



Video surveillance radiation detection

The Zistos VRAD generates an early warning by enunciating radiological alarm events on the surveillance video screen. This can alarm against an act of terrorism or industrial sabotage, using a dirty bomb or radiological materials as a contaminant. The system adds radiological detection into fixed or mobile surveillance camera systems. It accomplishes this capability using existing video cameras, cables and monitors. Radiation levels and alarms are reported on a video overlay that appears on the surveillance video and can be viewed or recorded on existing video surveillance hardware. The VRAD is powered by 12-volt DC or 24-volt AC, and is packaged in a weatherproof enclosure that is easily mounted on a wall in near proximity to the surveillance camera.



Mobile ALPR camera

PIPS' new mobile ALPR camera, The Edge, delivers the high performance expected from Federal Signal's PIPS Technology in a compact, low-profile form factor. Just above 1.5 inches tall, The Edge is designed for today's low-profile lightbars and does not hinder lightbar performance. The Edge reduces the processing burden on the ALPR processor by providing initial Platefinder technology onboard the camera.



Multi-mission monocular

American Technologies Network Corp. (ATN) introduces the latest in thermal imaging technology with the OTIS-14 Thermal Imaging device. OTIS, short for Optical Thermal Imaging System, is a multi-mission capable monocular designed for optimum use by anyone desiring to convert the darkness into a tactical advantage. OTIS offers maximum versatility as a handheld, head-, helmet-, or weapon-mounted tool. Features include simple controls, ruggedness and reliability in harsh conditions. Miniature thermal imaging technology ensures the highest quality stable image in the most compact package.



Day/night bullet camera

VISIONtech's 3.6mm AL1 IR bullet camera can see up to 30 feet at 0.0 LUX and has a 1/3-inch Sony Color 420 TVL Day/Night CCD Camera. AL1 Lens technology provides unmatched picture quality in any light situation. Its size and strong metal structure offer easy installation and make it suitable for a variety of professional and residential applications.

Remote-controlled robot

Simulator Systems offers a full suite of easy-to-use, rugged and powerful remote-controlled robots suited for support, reconnaissance and surveillance. All have hard anodized bodies, rechargeable Li-Fe batteries and remote controllable color cameras with automatic IR. The PYTHON, weighing 40 pounds, is able to powerfully carry large payloads and can climb most common stairways. Other features include enhanced track geometry, providing smooth camera imaging, tank steer and differential-type zero turning radius.




Fixed thermal imaging camera

From fog to foliage to total darkness, there's nowhere to hide with the new Pelco TI2500 fixed thermal imaging camera. Delivering 24/7 video security and protection, the TI2500 is ideal for the most critical applications. With the ability to look at any structure and see the slightest shift in temperature, the TI2500 instantly spots leaks, ruptures, hotspots, animals or intruders. This technology allows security personnel to detect threats without the need for natural or artificial illumination, and works in all types of weather and lighting conditions. Because it does not require good lighting to secure an area, the TI2500 saves the user energy cost and prevents drawing attention to the protected assets. The TI2500 produces high-quality thermal video with enough data for the use of both Pelco and third-party analytics. The thermal imaging camera can be used for in-plant surveillance, perimeter monitoring, high-value asset protection and more. The TI2500 Series has a detection range of 1,902 feet to 2,736 feet and is available in both NTSC and PAL formats, with lens sizes available in 35mm and 50mm.



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