

EDITOR'S CHOICE

WHAT'S NEW IN THE INDUSTRY

HIKVISION INTRODUCES NEW EFFIO-E CAMERA SERIES

HIKVISION recently released a new series of IP66 vandal-proof analogue dome cameras. This new Effio-E series is comprised of the DS-2CC5281P(N)-VP 600TVL CCD dome camera, DS-2CC5281P(N)-AVPIR2 600TVL CCD IR dome camera, DS-2CC52A1P(N)-VP 700TVL CCD dome camera, and DS-2CC52A1P(N)-AVPIR2 700TVL CCD IR dome camera. Those cameras are based on Sony's Effio series DSP, boasting advanced features such as high horizontal resolutions, enhanced low-light capability, digital wide dynamic range, and digital noise reduction. Each of the above models performs superbly in low-light environments with a minimum illumination of 0.001Lux@F1.2 with AGC ON. Additionally, the DS-2CC5281P(N)-AVPIR2 600TVL CCD IR dome camera and DS-2CC52A1P(N)-AVPIR2 700TVL CCD IR dome camera incorporate a switchable IR cut filter for full day/night operability, as well as a built-in IR LED.

■ **Distributor:**
Security Merchants
■ **Contact:** 1800 635 122



DYNAMIC TRANSCODING TECHNOLOGY FROM BOSCH

WITH the addition of Dynamic Transcoding Technology to its IP and HD range, Bosch is extending the possibilities for low-bandwidth remote monitoring. Dynamic Transcoding Technology from Bosch is a behind-the-scenes process that changes a video file to a different format or bitrate without compromising on the original image quality when the image is paused. The technology enables viewing in HD quality from any location at any time, as long as there is an internet connection available.

Bosch Security Systems is introducing this technology to its portfolio as standalone units for large systems and as an integral part of upcoming IP video storage appliances for small and medium systems. The Dynamic Transcoding Technology offers all Bosch customers using IP and HD cameras remote monitoring at low bandwidths. The addition of this functionality allows instant replay without buffering.

■ **Distributor:** Bosch Security Systems
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ARECONT MEGADOME, MEGABALL, MEGAVIDEO

ARECONT Vision's true Wide Dynamic Range (WDR) technology is now available in MegaDome 2 WDR, MegaBall WDR and MegaVideo Compact WDR cameras. The cameras are available in resolutions of 1080p and 3-megapixels. The company's WDR technology delivers a dynamic range of up to 100dB at full resolution and without lowering the frame rates. By combining long and short exposures in the same field-of-view, WDR maximizes the amount of detail in both bright and dark areas of a scene. The WDR performance of Arecont Vision cameras represents an up to 50dB improvement (300x) in dynamic range compared to non-WDR cameras.

■ **Distributor:**
Arecont
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RAYTEC LAUNCH NEW NETWORK ILLUMINATORS

VARIO IP is available in both Infra-Red and White-Light and provides dedicated IP lighting allowing for remote set up, commissioning, operation and maintenance. VARIO IP can be accessed and controlled via an integrated web interface at anytime from anywhere on the network. VARIO IP is provided as standard with discovery software for easy location and connection on your network. VARIO IP allows users to have full control over their lighting at all times, to alter settings and instantly respond to operational changes or live events in real time, for the best CCTV images and safety 24/7.

VARIO IP web interface provides quick access screen for manual adjustment and instant response to live events, instant control of individual or group of lights, basic settings: power on/off, boost and deterrent lighting, user defined advanced settings, diagnostics for instant feedback on the status each light and password protection.

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NEW PELCO SPECTRA HD 1080 HIGH SPEED DOME

PELCO Spectra HD 1080, built on the Sarix technology platform, is an all-digital system that delivers 2.0 megapixel resolution, high-profile H.264 compression and built-in analytics.

Key features of the new Spectra HD 1080 system include a 1/2.8-inch Exmor CMOS imager with an integrated 20x optical zoom lens, delivering 2.0 megapixel resolution (1920x1080 at 30FPS). There's a dual-processor design for guaranteed streams and high-profile H.264, which is 10 per cent more efficient than base-profile H.264, for the more efficient compression. Sharing a common browser with all Sarix-based cameras means easy configuration, and allows users to have advanced pan/tilt management features through a browser.

■ **Distributor:** Pelco
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ARECONT VISION 12-MEGAPIXEL PANORAMIC WDR CAMERA

ARECONT Vision has released the world's first 12-megapixel 180-degree panoramic dome camera with true Wide Dynamic Range (WDR). In addition to its superior performance under challenging lighting conditions, Arecont Vision's new 12-megapixel IP66 WDR 180° panoramic camera is 25 per cent smaller than previous SurroundVideo models. Arecont Vision's WDR technology delivers a dynamic range of up to 100dB at full resolution and without lowering the frame rates.

By combining long and short exposures in the same field-of-view, WDR maximizes the amount of detail in both bright

and dark areas of a scene. The WDR performance of Arecont Vision cameras represents an up to 50dB improvement (300X) in dynamic range compared to non-WDR cameras.

■ **Distributor:** Arecont
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NEW IPELA ENGINE EX FROM SONY

SONY has released its first range of IP cameras based on the IPELA ENGINE advanced signal processing platform and offering superior performance. The 6 new IPELA ENGINE EX cameras include the varifocal SNC-VB600 and SNC-VB630 full body cameras, the SNC-VM600 and SNC-VM630 mini-dome cameras, and the SNC-VM601 and SNC-VM631 vandal-proof indoor mini-dome cameras.

Noise reduction is significantly enhanced and low light sensitivity is increased to more than twice that of Sony's previous cameras, including the impressive CH140. Maximum frame rates are doubled from 30 fps to 60 fps at both HD and Full HD resolution. The IPELA ENGINE EX cameras combine powerful signal processing and video analytics technologies to enhance the performance of IP video security systems.

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FLIR FLIR A310 f FIXED AND PTZ CAMERAS

THE A310 f is a fixed mounted camera ideal for monitoring critical installations and to protect the perimeter at the same time. Meantime, the FLIR A310 pt pan/tilt has all the necessary features and functions to build single- or multi-camera solutions. The FLIR A310 pt can pan +/- 360° continuously and tilt +/- 45°. It is ideal to cover large areas. Typical application examples are coal pile, waste bunker and sub-station monitoring. The FLIR A310 pt is a multi-sensor and includes a lowlight 36x zoom colour CCD camera.

FLIR A310 f and FLIR A310 pt can detect temperature differences as small as 0.05°C and contain extensive analysis and built-in alarm functions. MPEG-4 video output can be

streamed over Ethernet to show live images on a PC. Composite video output, PAL and NTSC, is available. net (PoE).

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