



# Van Cleve & Associates, Inc.

Security & Surveillance Technologies

Vanguard Products, Clever Solutions

# September 2015 Newsletter

Volume III Issue 9

Van Cleve & Associates, Inc.'s monthly newsletter is intended to keep you, our valued customer, up to date with announcements regarding our latest products and technologies, upcoming exhibitions and conferences, and other news and events in the security and surveillance industry.

## Product News



### Axis Sharpdome Technology

#### Increasing the Usability & Effectiveness of PTZ Cameras

While PTZ cameras are highly valuable for certain applications, they have inherent flaws due to their design, such as the inability to see above their own horizon, and issues with reflections when the camera is tilted. (This is largely due to the PTZ dome not being a perfect sphere, but rather a straight part at the top attached to a half spherical bottom, with the camera lens just below the meeting point. This causes light reflections, and results in varying distances between the lens and dome at various viewing points.) Axis's new Sharpdome technology overcomes these flaws with two vital characteristics:

First, the sphere (dome) is tilted 39°, optimizing image quality by eliminating the meeting point between the top, straight portion of the dome and the bottom, spherical portion from within the camera field of view. This places the camera lens at an ideal position within the dome and maintains the same distance between the camera lens and the dome in all positions.

Second, unlike conventional PTZ cameras, Sharpdome allows the entire dome to rotate with the camera, rather than just the camera rotating within the dome.

These features not only allow for the same optimal image sharpness and full scene fidelity in all pan & tilt positions, but also results in the ability to obtain usable images up to 20° above the camera's horizon.

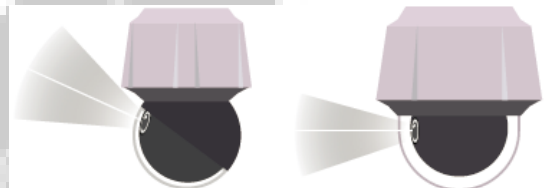


Figure 4: A Sharpdome (to the left) and a conventional dome (to the right)

### ACTi Covert Cameras

Pinhole covert cameras are an ideal solution for discreetly providing high-image quality in almost any environment. ACTi offers a wide variety of covert cameras and mounting options to ensure you get the video you need without letting them know.



### PRO-Series Golf-Ball Sized WiFi 1080P Pinhole IP Camera



#### Features:

- 2MP HD IP Camera
- 90° Viewing Angle
- Compact Design for Covert Applications
- 2.4GHz Wi-Fi Connectivity (up to 300 Feet)

Please contact VC&A for additional information on these or any of our products, or to schedule a demo.

## Other News & Notes

### Upcoming Tradeshows & Exhibitions

Van Cleve & Associates, Inc. will be exhibiting at the following upcoming tradeshows:

- TIDES Demo at the Pentagon: 10/14 – 10/16
- Govconnectx Ft. Belvoir Expo: 10/22
- MATIA in VA Beach: 11/3 – 11/4

Please contact VC&A for more details. We hope to see you there!

### 4K: Quantum Leap or Minor Step?

4K Technology is one of the hot "buzz words" these days, but what does it really mean and when should it be used?

4K refers to an increased resolution image (8MP, or 3840 x 2160). This is great for obtaining greater scene details, as well as for providing more accurate analytics, but that improved quality is going to come at a cost – specifically on your storage requirements and bandwidth consumption.

As a result, 4K technology should only be implemented when the application requires it – and when you have the infrastructure to handle it.

Also, don't forget the monitor – a 4K image doesn't do much good on a 2MP resolution screen!

Van Cleve & Associates, Inc. is a small, woman-owned security and surveillance equipment distributor located in Alexandria, VA. With over 15 years' experience and more than 40 vendor relationships, VC&A has the technology and expertise to assist with any and all law enforcement requirements. Contact us today for more information or to schedule a demo of any of our equipment.

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