Video Surveillance for Education

Made in the USA

Arecont Vision®

Leading the Way in Megapixel Video™

Arecont Vision Update

2017 Product Introductions

- **Multiple new series introductions**
  - **MicroDome® Duo** released @ **Intersec Dubai (**22 January)
  - **MicroBullet®** announced @ **ISC West** (3 April), released @ **IFSEC London (**20 June)
  - **SurroundVideo® Omni G3** announced @ **ISC West**, released @ **IFSEC London**
  - **MicroDome G2** announced @ **ISC West**, released @ **IFSEC London**
  - **MegaDome® G3, G3 with IR,** & **G3 RS** announced & released @ **ASIS International Dallas** (25 September)
  - **MegaVideo® 4K** unveiled @ **ISC West**, released @ **ASIS International Dallas**

New 2017 Products

Most Advanced Megapixel Product Line Just Got Even Better

SurroundVideo® Omni

SurroundVideo® G5

MicroDome® Duo

MicroDome® G2

MicroBullet®

MegaVideo® Flex

MegaBall® G2

MegaDome® 4K

MegaDome® G3

MegaView® 2

MegaVideo® 4K

MegaVideo® G5

Download the *New Product Release Guide* at: http://goo.gl/ewrGz4
Learn about Arecont Vision products at: http://www.arecontvision.com/categories.php

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2017 Technology Introductions

- **New technologies, upgraded new & existing cameras**
  - **Remote Setup** technology included in **SurroundVideo Omni G3** & **MegaDome G3 RS** at launch
  - **SNAPstream™** technology included in **MegaDome 4K, MegaVideo® Flex,** & **MicroDome Duo®** at launch
    - *Released as upgrade on 3 April17 for 100 additional single-sensor cameras for total of over 140 models*
    - *Included in **SurroundVideo® Omni G3** release on 6.20.17*
    - *Added for all **SurroundVideo G5** & **SurroundVideo Omni G2** models in SV2 Sustaining Release on 12.08.17, along with other key features and capabilities*

Remote Setup

SNAPstream™

Press Coverage of Announcement is Very Positive

Arecont Vision

NEWS BLOG

HOME | MAIN SITE | COMPANY | PRODUCTS | SOLUTIONS | EDUCATION | NEWS | SUPPORT | EVENT

UPDATE YOUR ARECONT VISION® SURROUNDVIDEO® G5 PANORAMIC & SURROUNDVIDEO OMNI G2 & G3 MULTI-SENSOR CAMERAS WITH EXCITING NEW CAPABILITIES FREE OF CHARGE

December 8, 2017

http://blog.arecontvision.com/

A new Arecont Vision® multi-sensor sustaining release is available now, and it's loaded with the features and product enhancements that were most requested by our customers.

Friday, December 8, 2017

Arecont Vision megapixel cameras are cyber-secure and can be updated with new capabilities as they become available from our Engineering and R&D teams, working in conjunction with our many Technology Partner Program™ members. Participants include vendors of VMS, NVR, PSIM, video analytics, infrastructure, and many more hardware and software products *(click to learn more about the MegaLab™ and the Tech Partner Program).*

The unique upgrade capability is made possible by use of the FPGA (Field Programmable Gate Array) integrated circuit (IC) at the core of every Arecont Vision camera, which is used by our 5th generation, in-house developed Massively Parallel Image Processing™ (MPIP) architecture.

This same FPGA technology and MPIP architecture are what make Arecont Vision cameras cyber-secure in ways that other surveillance

Tuesday, December 19, 2017 | Sign in / Join | Events | About | Blog | Advertise | Contact | Sign Up

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Home › Physical Security › Critical Infrastructure › Update Your SurroundVideo Multi-Sensor Cameras Free

Physical Security | Critical Infrastructure | Dealers & Integrators | Integration | Perimeter Protection | Video Surveillance

Update Your SurroundVideo Multi-Sensor Cameras Free of Charge

By AST Administrator · December 11, 2017

Share on Facebook | Tweet on Twitter | G+ | P

Omni G3 is the industry's first camera with no-touch, remote setup in the multi-sensor adjustable-view product category created and still dominated by Arecont Vision

Arecont Vision, *the 2017 'ASTORS' Homeland Security Awards Platinum 'ASTORS' Award Winner for Best IP Video Surveillance Solution,* has announced a new SV2 Multi-Sensor Sustaining Release Upgrade for it's SURROUNDVIDEO G5 PANORAMIC & SURROUNDVIDEO OMNI G2 & G3 Multi-Sensor Cameras.

Arecont Vision megapixel cameras are cyber-secure and can be updated with new capabilities as they become available from our Engineering and R&D teams, working in conjunction with our many Technology Partner Program™ members.

Arecont Vision's multi-sensor sustaining release offers new capabilities

asmag.com

Source: Arecont Vision Date: 2017/12/15 Related tags: Arecont Vision, network cameras, Cybersecurity

Arecont Vision megapixel cameras are cyber-secure and can be updated with new capabilities as they become available from our Engineering and R&D teams, working in conjunction with our many Technology Partner Program members. Participants include vendors of VMS, NVR, PSIM, video analytics, infrastructure, and many more hardware and software

The unic… by use o… Array) int… develope…

SECURITY SALES & INTEGRATION | Video Surveillance | Access Control | Business | Automation | Fire & Intrus

Product News

Arecont Vision Rolls Out Free Multisensor Camera Upgrade for Customers

The camera upgrade includes multi-stream support improvements, cybersecurity enhancements, ONVIF Profile S support and much more.

December 12, 2017 | SSI Staff | Jump to Comments

LOS ANGELES — Arecont Vision announces a new sustaining release that brings new features and capabilities to its multisensor cameras.

"With the new technologies and features, plus camera enhancements that we added, it's just like getting an entirely new camera for our customers — for free. Except that they don't have to test, select, purchase, install, and configure a new camera, and dispose of the old one," says Jeff Whitney, vice president of marketing, Arecont Vision. "The customer (or their integrator) just has to update it over their network, without taking it down or physically accessing it, and our Technical Assistance Center (TAC) helps them upgrade it with the new features over the phone."

2017 Industry Recognition & Awards

- 7 new product awards
  - **SurroundVideo® Omni G3**
    - *Now tied with Omni G2 for most awards!*
  - **SurroundVideo G5 Mini**
  - **MegaVideo® 4K**
  - **MicroBullet®**

SECURITY today GOVIES 2017 Government Security Awards

2017 Campus Safety BEST winner

SECURITY today 2017 NEW PRODUCT OF THE YEAR

ASTORS AMERICAN SECURITY TODAY 2017 PLATINUM AWARD WINNER HOMELAND SECURITY AWARDS

SECURITY today 2017 NEW PRODUCT OF THE YEAR

SECURITY today 2017 NEW PRODUCT OF THE YEAR

SECURITY today 2017 NEW PRODUCT OF THE YEAR

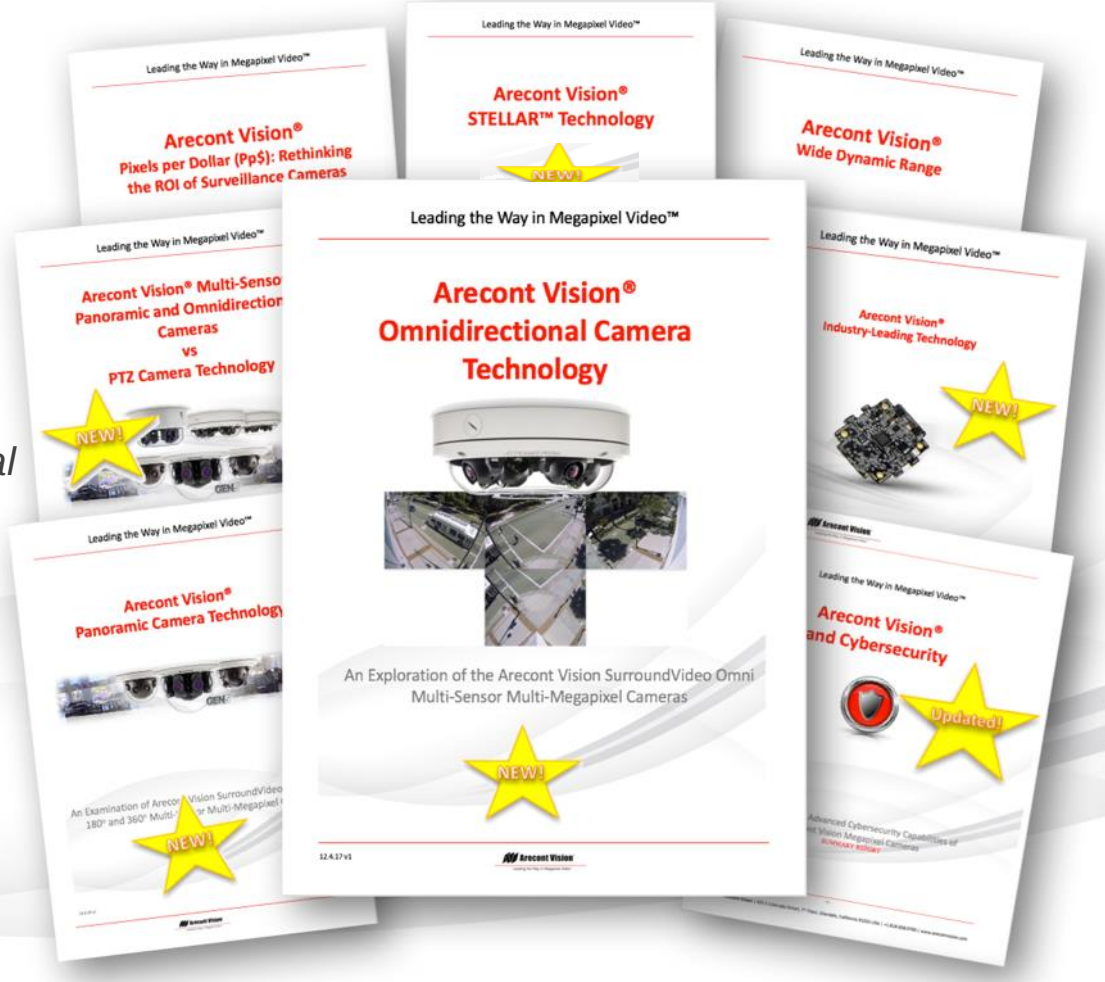
Industry Awards and Recognition

- **Security Today Magazine**
  - 2015 – 17: (5) ***New Product of the Year Awards***
  - 2012 -16: (7) ***Government Security Awards*** (Govies)
- **Security Sales & Integration Magazine**
  - 2016: ***Most Valuable Product Award***
  - 2015: ***Stellar Service Award***
  - 2014 – 16: ***Top 30 Innovations of the Year***
- **Campus Safety Magazine**
  - 2016, 2017: ***Campus Safety BEST Awards***
- **American Security Today**
  - 2017: ***Platinum ASTORS Award***
- **ADI Global Distribution**
  - 2013: ***Vendor of the Year Award***
  - 2012: ***New Vendor of the Year Award***
- **PSA Security Network**
  - 2014: ***Super Star Vendor Achievement Award***
  - 2015, 2016: ***New Vendor of the Year Awards***
  - 2013: ***Outstanding Vendor Award***
- **Milestone Systems**
  - 2011, 2014: ***Camera Manufacturer Partner of the Year Award***
- **Security Technology Executive Magazine**
  - 2015: ***Security Innovation Award***
- **A&S International**
  - 2015: ***Top Surveillance Camera of the Year***
- **Detektor International**
  - 2014: ***Best CCTV Product Award***
- **China Public Security Expo**
  - 2011, 2013: ***Golden Cauldron Awards***

2017 New White Papers

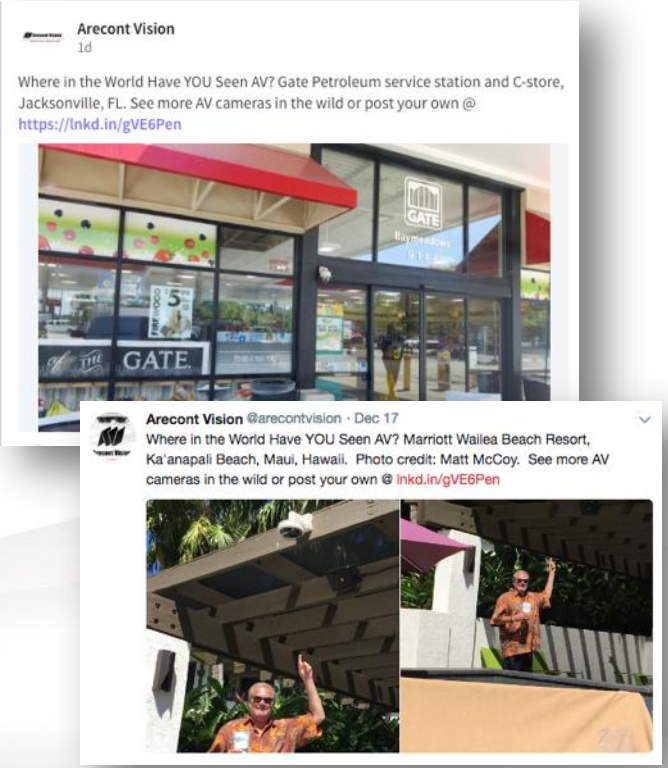
- **6 new white papers**
  - *AV & Cybersecurity*
  - *AV Industry-Leading Technology*
  - *AV STELLAR™ Technology*
  - *AV **SurroundVideo**® Omnidirectional Camera Technology*
  - *AV **SurroundVideo** Panoramic Camera Technology*
  - *AV **SurroundVideo** Panoramic & Omnidirectional Cameras vs PTZ Camera Technology*

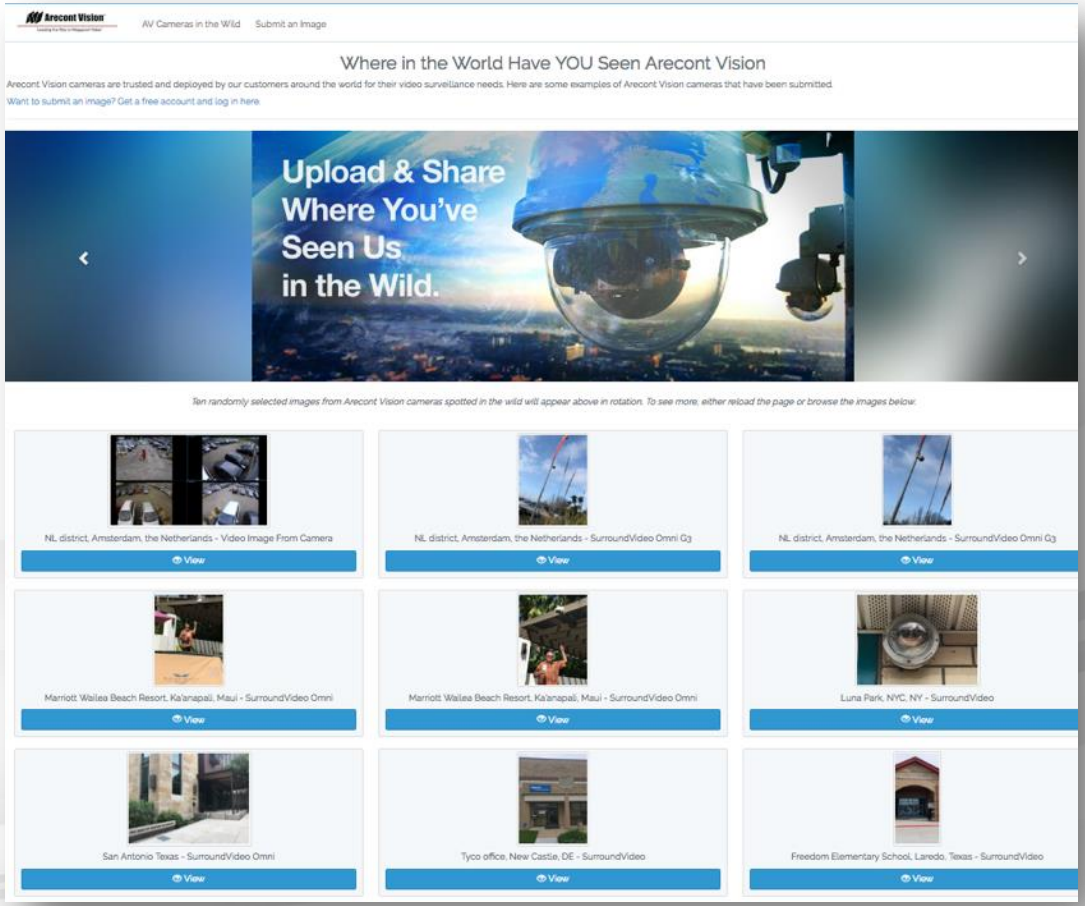
https://www.arecontvision.com/whitepapers/



Where in the World Have YOU Seen AV?

Social Media & AV Website





Where in the World Have YOU Seen AV?

- **AV cameras have been spotted in the wild in hundreds of locations and settings**
  - *10 images are randomly selected from the library & will roll along the banner*
  - *Reload the page to see more, or simply roll down through the images*

DoubleTree by Hilton, Torrance, CA

Laredo Community College, Texas

Wrigley Field, Chicago, IL

Wisconsin State Fair, West Allis, Wisconsin

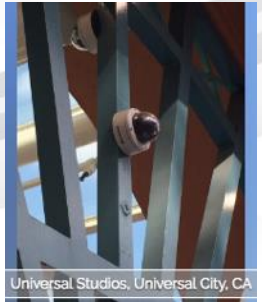
Levi's Stadium, Santa Clara, CA

Daytona International Speedway, Daytona Beach, FL

IKEA, Bangkok, Thailand

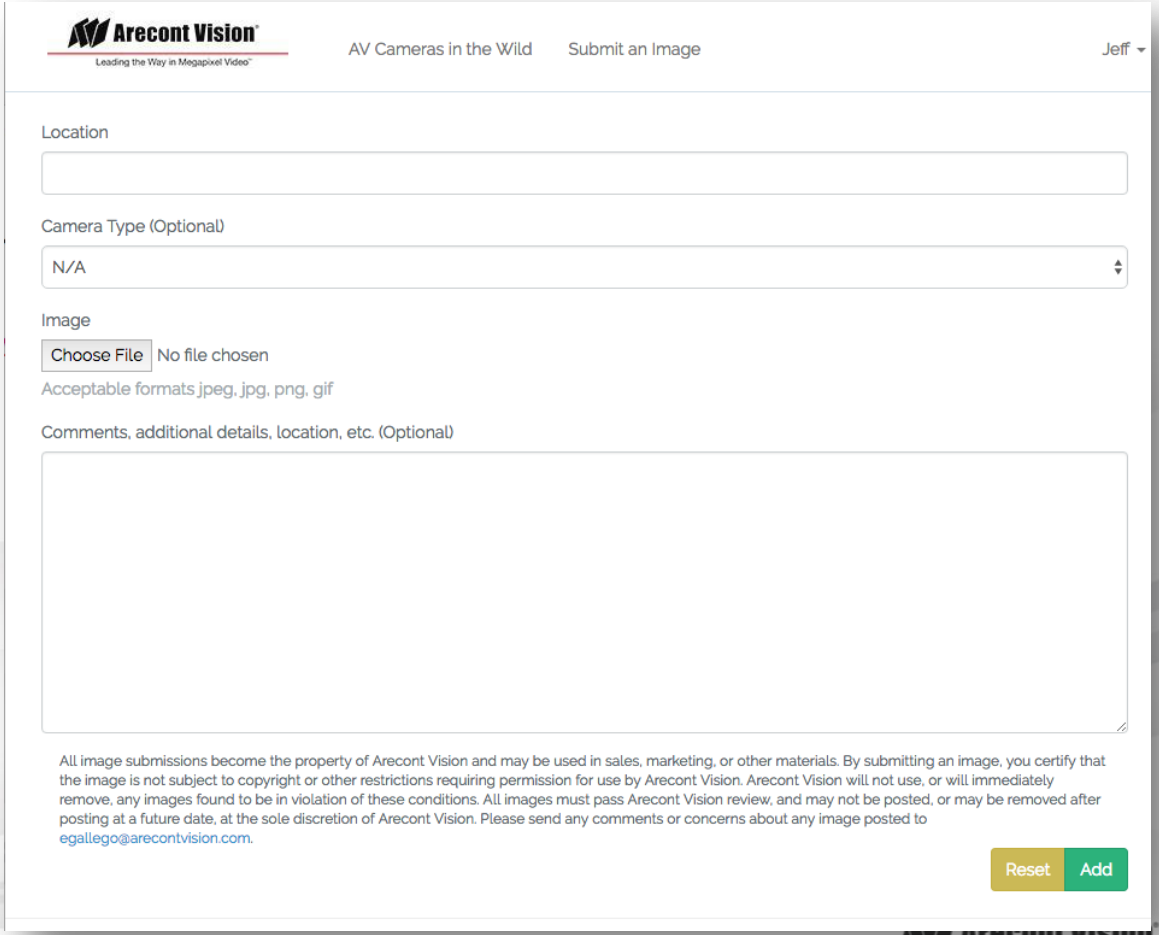
Suvarnabhumi Airport, Bangkok, Thailand

TD Garden, Boston, MA


Universal Studios, Universal City, CA

Where in the World Have YOU Seen AV?

- **Register to quickly upload your own images to be included**
  - *http://media.arecontvision.com/where-have-you-seen-av*
- **Instructions and applicable rules are on the upload page**



Video Surveillance for Education

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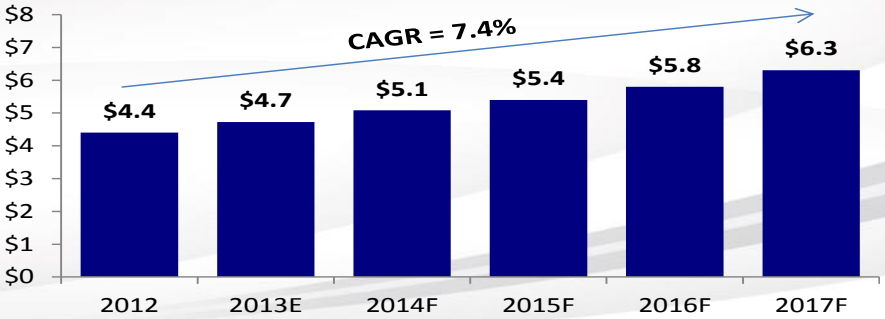
Market Overview: Education

- **Schools and colleges require security systems that provide a safe learning environment for students, while protecting faculty, staff, visitors, and property**
- **Violent incidents at schools around the world have created an increased focus on video surveillance to increase safety, situational awareness, and post-incident forensic viewing**
- **Students, faculty, and parents increasingly see video surveillance as valuable and necessary, rather than an invasion of privacy for schools and school districts**

Global Education Expenditure ($ in trillions)



Source: IBIS Capital

K-12 / North America

News
Video

News
Video

News
Video

Case
Study

Case
Study

News
Article

Case
Study

Case
Study

Case
Study

Video
Case
Study

News
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Testimonial

Testimonial

News
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Higher Education and Research / North America

George Mason University — Case Study

Butler University — Case Study, News Video, News Article

The University of Chicago

Northeast Alabama Community College — Testimonial

UCLA

Virginia Tech

UCSF University of California San Francisco

Berkeley University of California

VCU Virginia Commonwealth University

Penn State

TCU

Indiana State University

NHTI Concord's Community College

Illinois

Gettysburg College

University of Rhode Island

Harvard

University of Massachusetts Dartmouth

Bridgewater State University

University of Bridgeport

Bowdoin College

Yale

Loma Linda University

Clark University

Purdue University

Boston College

Daniel Webster College

Saint Louis University

DePauw University

FIU

Brandeis

Indiana University

MTU

CMU Central Michigan University

Laredo Community College

Virginia State

Moravian College

Muhlenberg College

Temple University

Triton College

UIC University of Illinois at Chicago

Cowley College

Kennesaw State University

Wisconsin

Education and Research / International

Case Study

TULAR CAVE LAB

Alexandria University

Hong Kong International School

工業技術研究院
Industrial Technology Research Institute

ACADEMIA SINICA

Cairo University

TAIPEI TECH

Yambu University College

AMERICAN UNIVERSITY OF MADABA

INSTITUTO CUMBRES
SEMPER ALTIUS

UNIVERSIDAD DE PUERTO RICO
1903

جامعة الأميرة نورة بنت عبد الرحمن
Princess Nourah bint Abdulrahman University

HACETTEPE ÜNİVERSİTESİ

Swindon Academy
The best in everyone™
Part of United Learning

BRAMPTON COLLEGE
Independent Sixth Form College

SULTANATE OF OMAN
MINISTRY OF MANPOWER
DIRECTORATE OF TECHNOLOGICAL EDUCATION
NIZWA COLLEGE OF TECHNOLOGY

Sohar University
Your Way to a Promising Future

敦煌研究院
DUNHUANG RESEARCH ACADEMY

جامعة نجران
NAJRAN UNIVERSITY

國立中興大學
National Chung Hsing University

جامعة السلطان قابوس
Sultan Qaboos University

أكاديمية الأمير سلطان لعلوم الطيران
PRINCE SULTAN AVIATION ACADEMY

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Education Overview

- **Typical Applications**
  - *Classroom, cafeteria, quad, gym, natatorium, and track/field area situational awareness*
  - *Reception, record management system integration*
  - *Front entrance inside and out, facial recognition integration*
  - *Street and parking lot traffic monitoring*
  - *Parking lot for situational awareness and license plate (LP) recognition/capture*
  - *General surveillance of hallways and classrooms*
  - *Forensic evidence*
  - *Afterhours surveillance and security*

Campus Security Study

CAMPUS OBJECTIVES

84% Video surveillance for crime prevention was ranked by 84% as the most important for campus leadership.

Source: Anixter & Arecont Vision – Inside the Mind of Campus Security Professional Survey, 2015.

Campus Security Study

THE PRIVACY ISSUE...

9%

of students view video surveillance as an invasion of privacy but

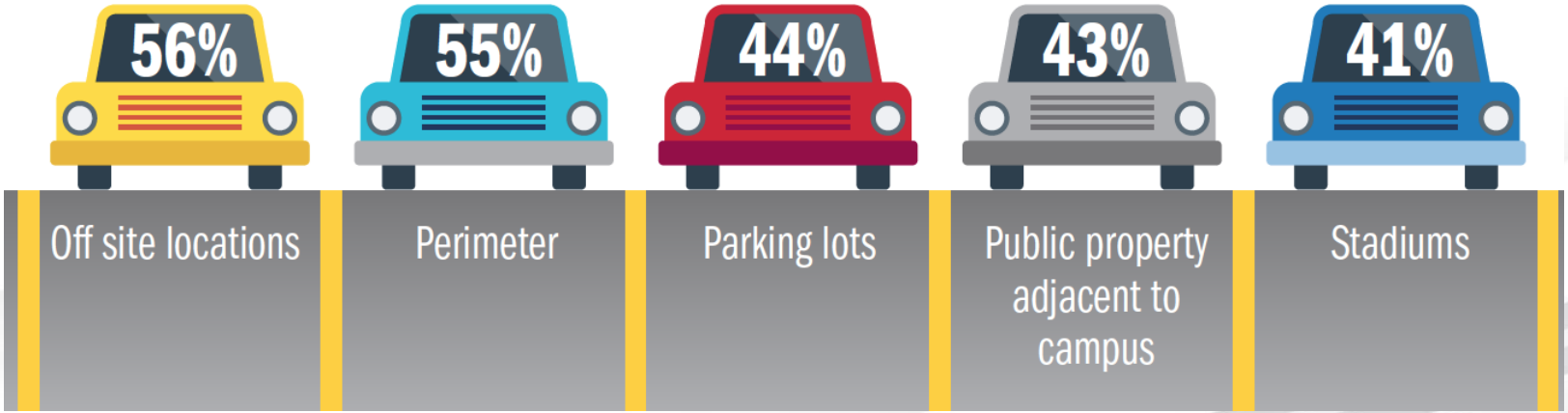
49%

of students say video surveillance makes them feel safer.

Source: Anixter & Arecont Vision – Inside the Mind of Campus Security Professional Survey, 2015.

Campus Security Study

Most challenging areas on campus



Source: Anixter & Arecont Vision – Inside the Mind of Campus Security Professional Survey, 2015.

Education Trends

NY Students Protest for More School Security

Students are concerned after racist and homophobic threats were discovered on campus

By CS Staff – December 2, 2015 - SUNY Potsdam students protested what they see as inadequate school security measures on Nov. 30 in light of a threat against a black professor found on campus.

http://www.campussafetymagazine.com/article/n.y._students_protest_for_more_school_security#

Reducing # of Cameras, Complexity, & Cost

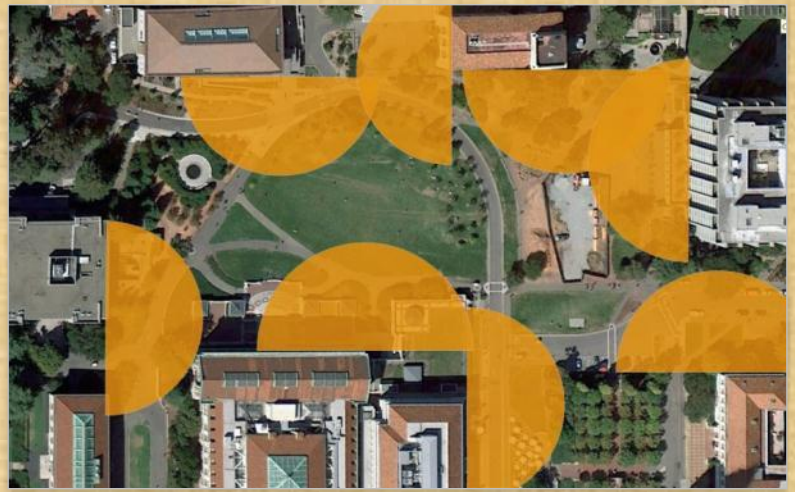
Fewer cameras with improved coverage

Analog Single Sensor

24 cameras cover this public area with about 8,000,000 pixels

Panoramic Multi-Sensor

8 panoramic cameras deliver better coverage with 96,000,000 pixels



Situational Awareness

Before

PTZ - 40° coverage of parking lot and grounds

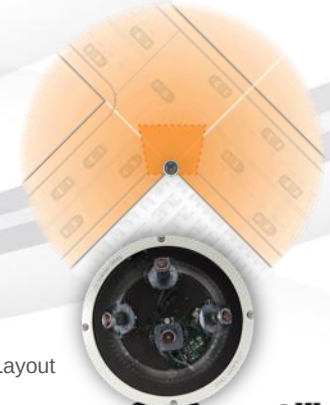
- *Requires operations personnel on joystick*
- *In the wrong place 85% of the time*
- *In the right place 15% of the time and then it moves if on a programmed sequence*
- *Misses all other action that might happen*

Situational Awareness

After

Arecont Vision SurroundVideo® Omni (G1) AV12176DN in daytime

270° coverage plus a view straight down to eliminate blind spots!



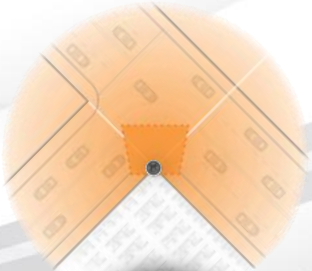
270° Corner Layout

Situational Awareness

After

Arecont Vision SurroundVideo® Omni (G1) AV12176DN at night with lights on

270° coverage plus a view straight down to eliminate blind spots!



270° Corner Layout

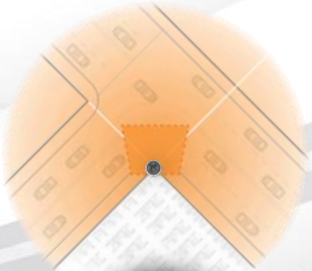
Situational Awareness

After

Arecont Vision SurroundVideo® Omni (G1) AV12176DN

at night with lights off

270° coverage plus a view straight down to eliminate blind spots!



270° Corner Layout

Situational Awareness

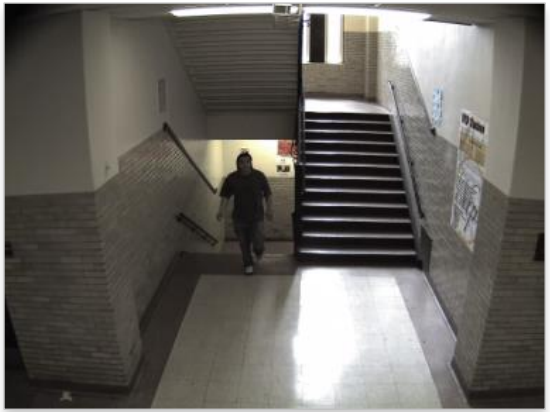
SurroundVideo® Omni (G1) AV12176DN

Replaces PTZ dome

- *6x the coverage for about 50% of the price!*
- *Does not require an operator on the joystick*
- *Eliminates PTZ's mechanical moving parts that are failure prone*

Education Areas of Interest

Classroom



Stairways/Hallways

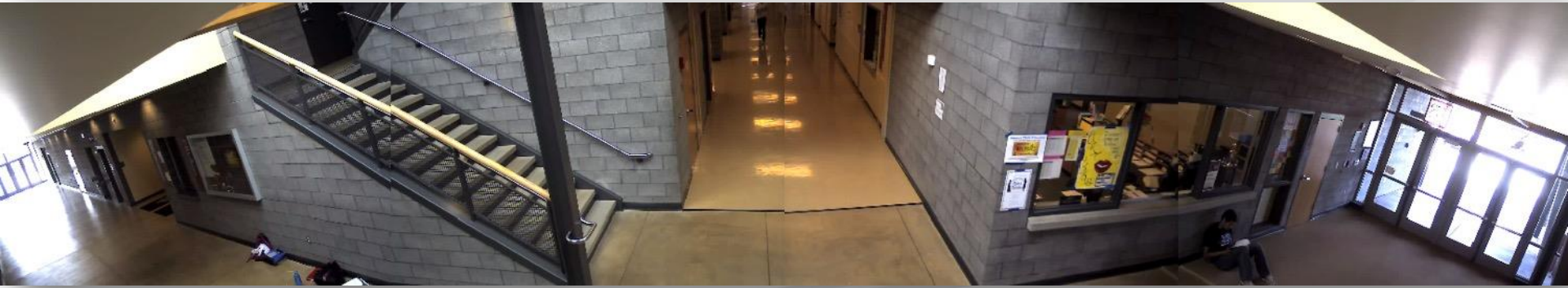
Cafeteria

Entrances/Exits

Walkways

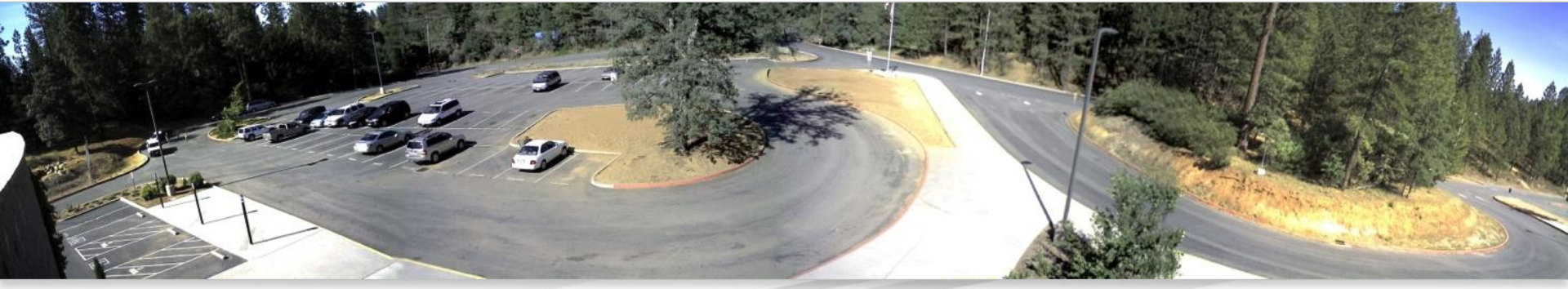
Education Areas of Interest - Interior

Education Areas of Interest – Interior Open Spaces



Education Areas of Interest – Sports Facilities & Playgrounds

Education Areas of Interest – Parking Areas & Walkways



Education Areas of Interest – Entries/Exits & Hallways

Freedom Elementary School, Laredo, TX

Education Areas of Interest – Entries/Exits

Brandeis University, Waltham, MA

Education Areas of Interest – Entries/Exits & Access Points

Oak Ridge High School, El Dorado Hills, CA

Jonathan Alder High School, Plain City, OK

Education Areas of Interest – Entries/Exits & Access Points

Australia National University, Canberra, Australia

Eagle Point School, Spokane, WA

Education Areas of Interest – Entries/Exits & Access Points

Goddard Schools,
Chanhassen, MN.

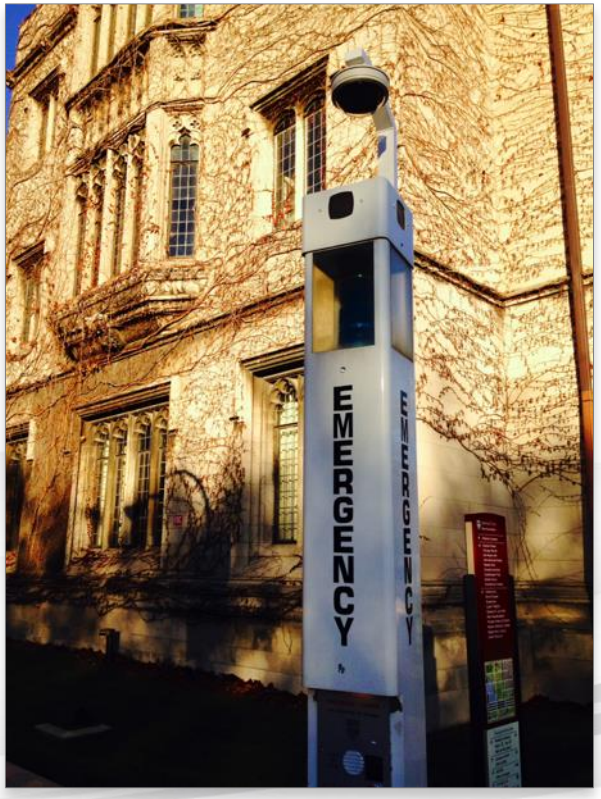
Education Areas of Interest – Exterior Doors & Walkways

Sarasota Public Schools, Sarasota, FL

Education Areas of Interest – Hallways

Sarasota Public Schools, Sarasota, FL

Education Areas of Interest – Campus Streets, Parks, Walkways



University of Chicago, Chicago, IL

Education Areas of Interest – Campus Streets, Parking

Laredo Community College, Laredo, TX

University of Illinois, Chicago, IL

Education Areas of Interest – Campus Streets, Walkways, Open Spaces

Laredo Community College, Laredo, TX

Education Areas of Interest – Campus Parking

University of North Carolina

Education Areas of Interest – Campus Open Spaces & Trails

Butler University, Indianapolis, IN

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Education Areas of Interest – Campus Parking

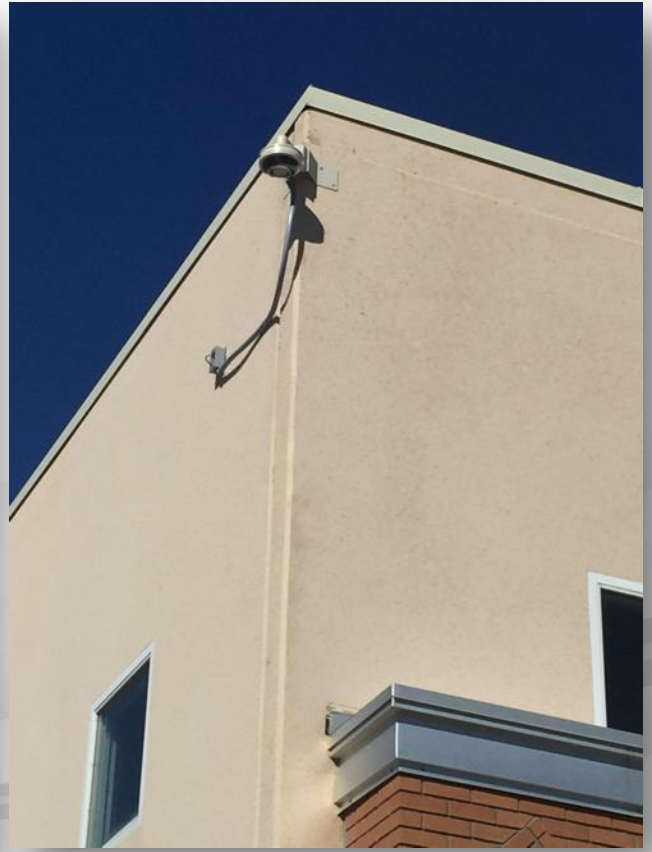
Butler University, Indianapolis, IN

Education Areas of Interest – Campus Parking

Triton College, River Grove, IL

Education Areas of Interest – Campus Streets, Parks, Walkways

Central Michigan University, Pleasant, MI



Belen Public Schools, Belen, NM

Education Areas of Interest – Campus Streets, Parks, Walkways

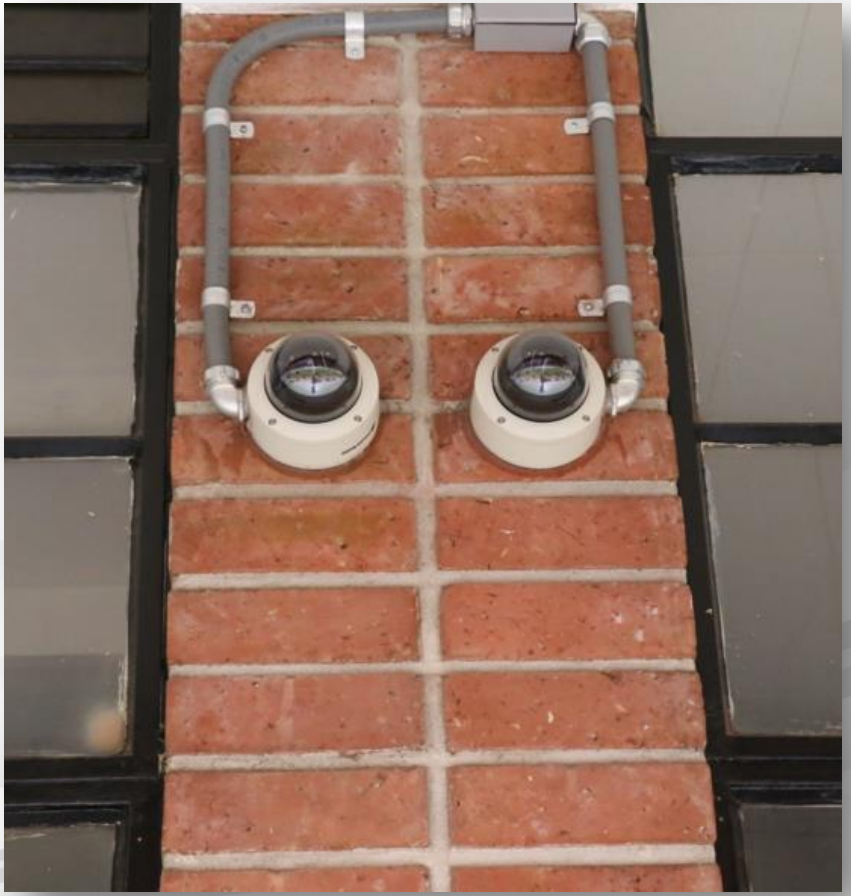
Belen Public Schools, Belen, NM

Education Areas of Interest – Campus Streets, Parks, Walkways

Pajoro Valley USD, Watsonville, CA

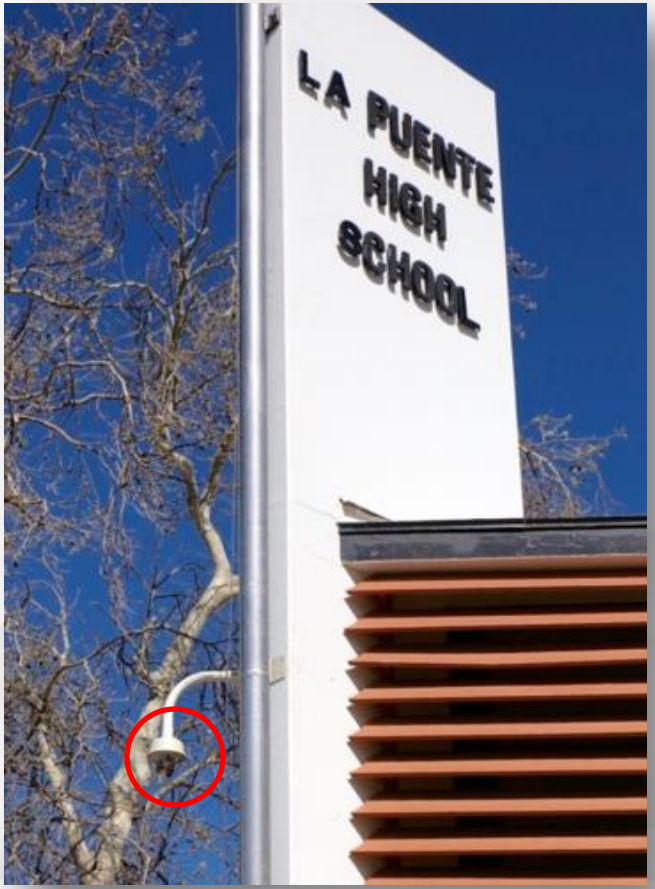
SAR Academy, Riverdale, NY

Education Areas of Interest – Campus Streets, Parks, Walkways



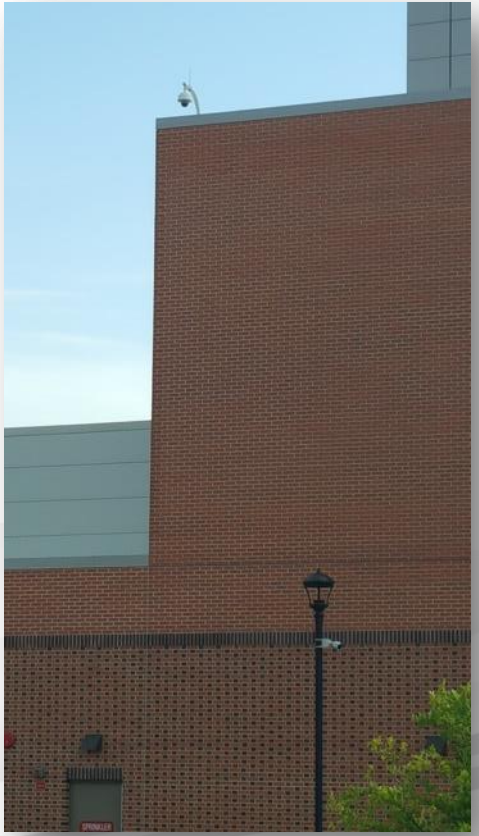
Hacienda La Puente School District, City of Industry, CA

Education Areas of Interest – Campus Streets, Parks, Walkways



Hacienda La Puente School District, City of Industry, CA

Education Areas of Interest – Campus Streets, Parks, Walkways



Virginia State University, Petersburg, VA

Education Areas of Interest – Campus Building Access

San Ramon Valley USD, San Ramon, CA

Education Areas of Interest – Campus Building Access

San Ramon Valley USD, San Ramon, CA

Education Areas of Interest – Urban Campus

UCSF, San Francisco, CA

Education Areas of Interest – Campus Parking, Stadiums

Australia National University, Canberra, Australia

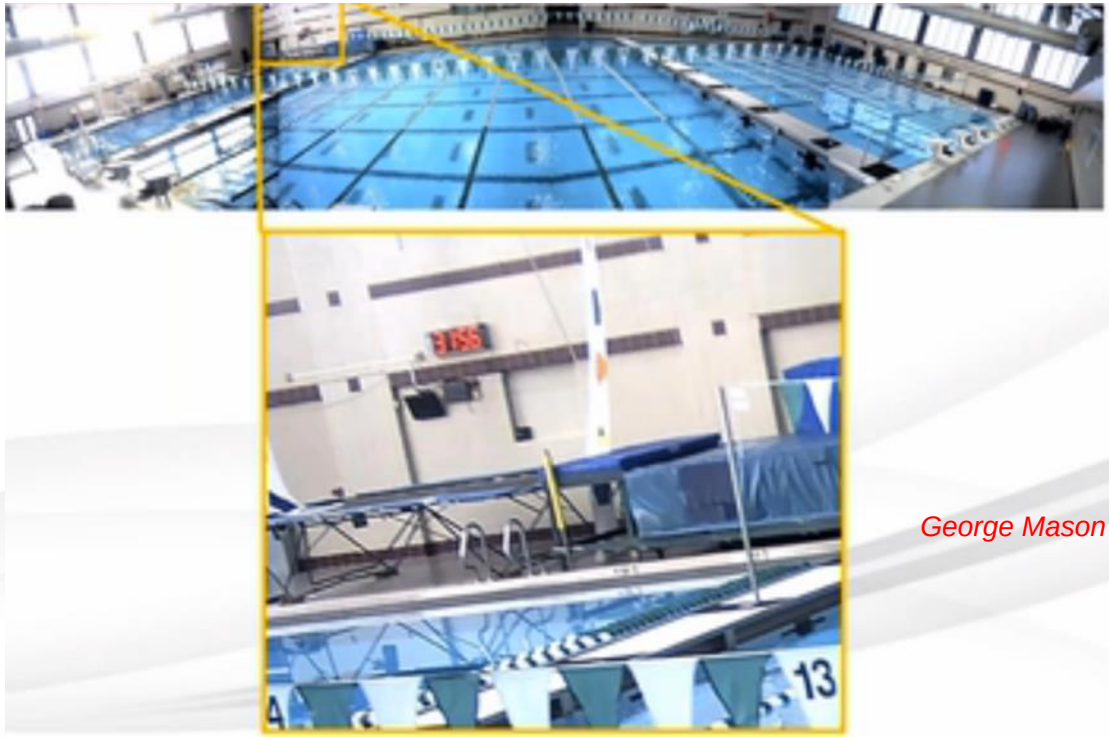
University of Mississippi, Oxford, MS

Education Areas of Interest – Hallways, Corridors, & Gyms

Jonathan Alder High School, Plain City, OK

Lake Mary High School, Lake Mary, FL

Education Areas of Interest – Natatoriums



George Mason University, Fairfax, VA

Education Areas of Interest – Gyms, Corridors, Hallways

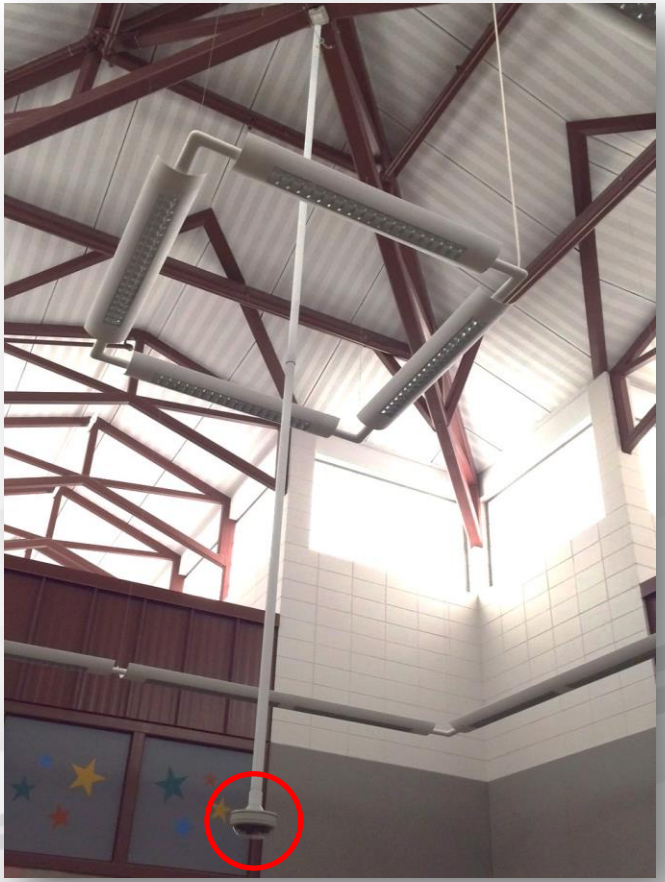
Harlingen CISD, Harligen, TX

Education Areas of Interest – Interior Spaces, Corridors,& Hallways

Triton College, River Grove, IL

Education Areas of Interest – Gyms, Corridors, Hallways

Belen Public Schools, Belen, NM

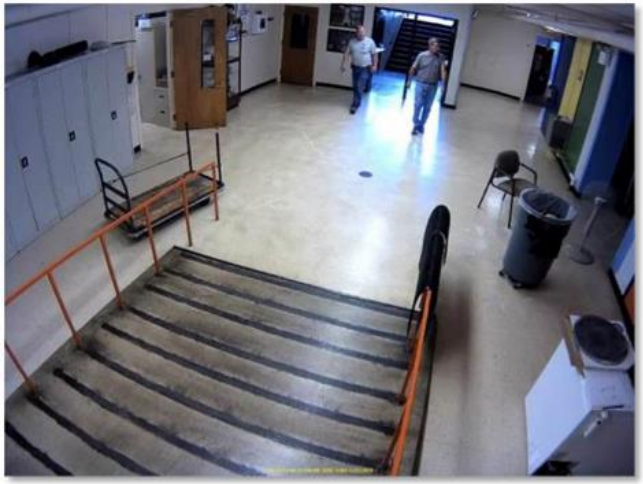


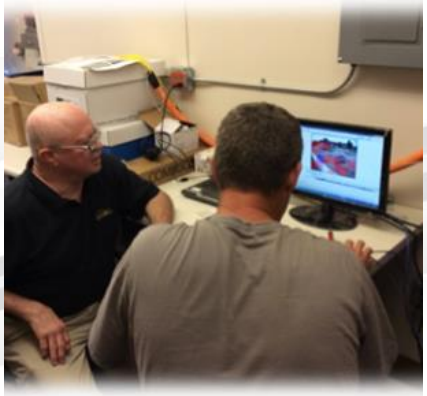
Sioux City Schools, Sioux City, IA

Education Areas of Interest – Training Areas

Prince Sultan Aviation Academy, Jeddah, Kingdom of Saudi Arabia

Education Areas of Interest – Classrooms and Play Areas





Ottawa Schools, Ottawa, IL

Education Areas of Interest – Campus Walkways, Playgrounds, & Exteriors

Booksin Elementary School, San Jose, CA

Education Areas of Interest – Campus Walkways, Playgrounds, & Exteriors

Booksin Elementary School, San Jose, CA

Education Areas of Interest – Campus Walkways, Playgrounds, & Exteriors

Booksin Elementary School, San Jose, CA

Education Customer Testimonials

"We have to date protected more than 50% of our buildings with Arecont Vision, and add more every year. Arecont Vision has greatly enhanced the safety and security of our students, staff, and visitors here at Goddard Public Schools – USD #265."

- Ronny Lieurance, Police Chief, Goddard Public Schools

"Arecont Vision provided superior image quality and a user-friendly interface. The school district was so pleased with Arecont Vision products that they are now looking to put additional cameras onto to the surveillance systems on most of the campuses."

- Nick Melnyk, Ficek Electric and Communication Systems, Inc.

Education Customer Testimonials

"The improvement in the quality and performance of our video surveillance system with the Arecont Vision megapixel cameras is incredible. The 360 degree views have made a tremendous difference in providing a safer and more secure campus."

- Bill Weber, Assistant Chief of Police, Butler University

"I was introduced to Arecont Vision over five years ago and their cameras have become the main workhorse in our CCTV system of over 1,300.

The [SurroundVideo] 180 cameras have proven time and again that PTZ's are a thing of the past and the new OMNI's have given us a new appreciation for Arecont [Vision's] continued superiority in the CCTV field."

- James McCarthy, Director, Physical Security, University Police Department, George Mason University

Education Case Studies

- Forest Lake High School
  - http://goo.gl/NyQWkp
- Harligen Consolidated Independent School District
  - http://goo.gl/YglRQh
- Jonathan Adler High School (video case study)
  - http://goo.gl/fDHRP4
- Flour Bluff Independent School District
  - http://goo.gl/MtLFBY
- Mission Consolidated Independent School District
  - http://goo.gl/3hLG7d
- SAR Academy
  - http://goo.gl/Tj0YdY
- Northern California High Schools (news video)
  - http://goo.gl/JcYO6Y
- Skyline Elementary (news video)
  - http://goo.gl/KLhd7P
- Indianapolis Middle Schools (news video)
  - http://goo.gl/L5XeTD
- Butler University
  - http://goo.gl/xiOHBQ
- George Mason University
  - http://goo.gl/jf05Xk
- Tular Cave Laboratory
  - http://goo.gl/1ihxEr
- Ottawa, IL Schools
  - https://tinyurl.com/y8qxjhfq

NEW!

How I Shot the Bear

The Opportunity

Albuquerque Public Schools

School district

88 Elementary
29 Middle
5 K-8
21 High Schools
25 Charter

Area:	1,200 mi²
Students:	about 95,000
Teachers:	6,500

In the Beginning

In the Beginning

In the Beginning

GraybaR

The Secret Sauce

The Challenge

Video | Bosch Video Management System 8.0

Bosch Video Management System 8.0

www.boschsecurity.com

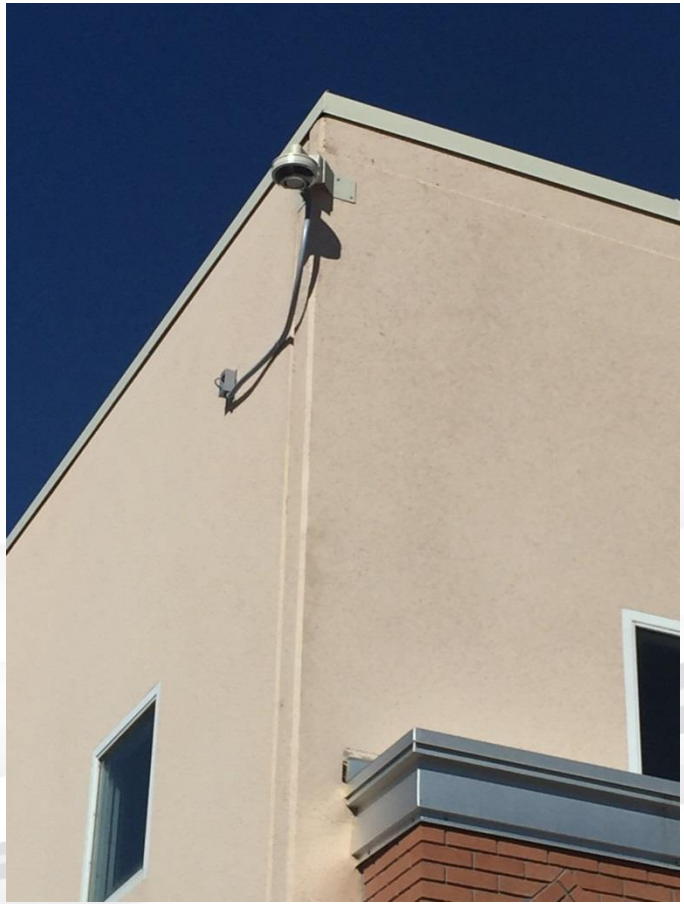
BOSCH
Invented for life

- Maximize resilience - keep operations up and running even when multiple system components fail.
- Reduced total cost of ownership - manage up to 2000 cameras with a single server to reduce installation and operating costs.
- Bosch video at its best - support Bosch cameras and better than any other management software.
- Integration - integrate third-party cameras, storage and further systems into BVMS.
- IT environments and data security - profit from full IT compatibility from installation to configuration in a secure way.

SurroundVideo® Omni

The Challenge

SurroundVideo® Omni



Nurturing the Bear

Elementary

7 Bar — A. Montoya — Adobe Acres — Alameda — Alamosa — Alvarado — Apache — Armijo — Arroyo Del Oso — Atrisco — Bandelier — Barcelona — Bel-Air — Bellehaven — Carlos Rey — Chamiza — Chaparral — Chelwood — Cochiti —Collet Park --- Comanche — Coronado Dual Language — Corrales — Dennis Chavez — Dolores Gonzales — Double Eagle — Duranes — E. G. Ross — East San Jose — Edward Gonzales — Emerson — Eugene Field — Georgia O'Keeffe —Governor Bent — Griegos — H. Humphrey — Hawthorne — Helen Cordero Hodgin — Inez Science and Technology — Janet Kahn School of Integrated Arts — John Baker — Kirtland — Kit Carson — La Luz — La Mesa — Lavaland — Lew Wallace --- Longfellow Dual Language — Los Padillas — Los Ranchos — Lowell — M. A. Binford — MacArthur — Manzano Mesa Marie M. Hughes — Mark Twain — Matheson Park — McCollum — Mission Avenue — Mitchell — Monte Vista —Montezuma — Mountain View — Navajo — North Star — Onate — Osuna — Painted Sky — Pajarito — Petroglyph —Reginald Chavez — Rudolfo Anaya — S. R. Marmon — S. Y. Jackson — San Antonito STEM — Sandia Base — Sierra Vista — Sombra Del Monte --- Sunset View — Tierra Antigua — Tomasita — Valle Vista — Ventana Ranch — Wherry —Whittier — Zia — Zuni Technology and Communication

Middle

Cleveland — Desert Ridge — Eisenhower — Ernie Pyle — Garfield STEM — Grant — Harrison — Hayes STEM — Hoover — Jackson — James Monroe — Jefferson — Jimmy Carter — John Adams — Juvenile Detention Center Educational Unit — Kennedy — L.B. Johnson — Madison McKinley — Polk — Roosevelt — Taft — Taylor — Tony Hillerman — Truman — Van Buren — Vision Quest Alternative — Washington — Wilson

K-8

Coyote Willow Family School — Desert Willow Family School — George I. Sánchez Collaborative Community School — New NW Community Collaborative — Roosevelt A. Montoya

High

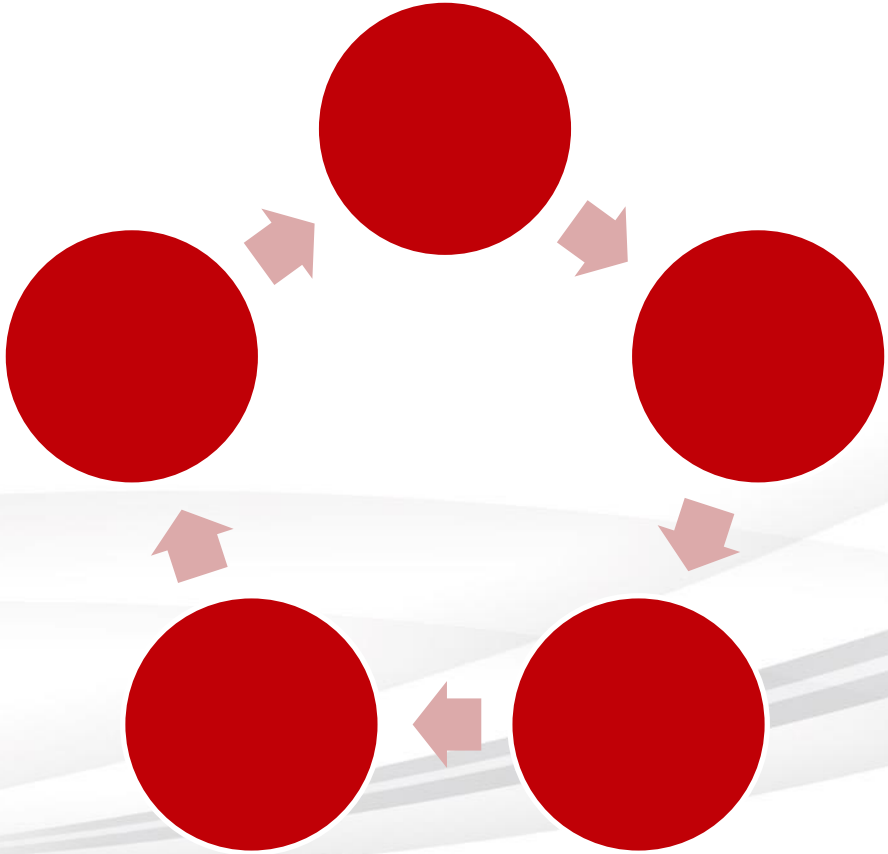
Albuquerque — Atrisco Heritage Academy — Career Enrichment Center & Early College Academy — Cibola — College and Career — Del Norte — Eldorado — Freedom — Highland — La Cueva — Manzano — New Futures — Nex+Gen Academy — Rio Grande — Sandia — School on Wheels — Transition Services — Valley — Volcano Vista — West Mesa —eCADEMY

Charter

21st Century Public Academy — ABQ Charter Academy — Albuquerque Talent Development Academy — Alice King Community — Christine Duncan Heritage Academy — Cien Aguas International — Corrales International School — Digital Arts and Technology Academy — East Mountain — El Camino Real Academy — Gordon Bernell — La Academia de Esperanza — La Resolana Leadership Academy — Los Puentes — Montessori of the Rio Grande — Mountain Mahogany —Native American Community Academy — New Mexico International — Nuestros Valores — Public Academy for Performing Arts — Robert F Kennedy High — Siembra Leadership — South Valley Academy — The International School at Mesa del Sol — William W. & Josephine Dorn Community

Leveraging the Bear

- Other School Districts
- A&E firms
- Manufacturing & Government entities



True Partners

GraybaR

THANK YOU

New SurroundVideo Settings for G2/G5 ver. 65208

What models does it apply to?

- All SurroundVideo G5 Products
- All SurroundVideo Omni G2 Products
- All SurroundVideo Omni G3 Products

What changed? New Features Added:

- SNAPstream
- Multi-Stream Support Improvement
- Onvif Profile S Support Tested Compliant
- White Balance Improvements (WB2.0)
- New Color Correction
- WDR Improvement
- Digest Authentication
- New Upgrade Method: Combined File (hw+fw) Upgrade(.av)
- Port Filtering
- Cyber Security Improvements
- 802.1x Support
- New Web Interface

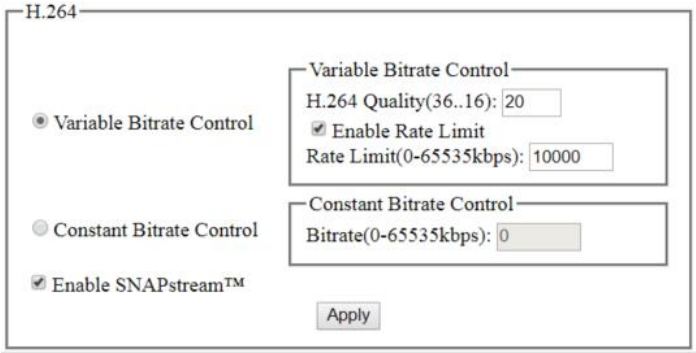
Where to get this update?

- Prerequisite any cameras being updated need to be at latest listed firmware version 65206 (G5) or 65203 (G2)
- You will then need to contact AV Technical Assistance Center @ http://support.arecontvision.com or call us @ 818-937-0700
- This is a 2 part major update for these model families so it is an involved process with potential for mishap if the update instructions are not followed in sequence which is why this update is not being distributed for download

SNAPstream®

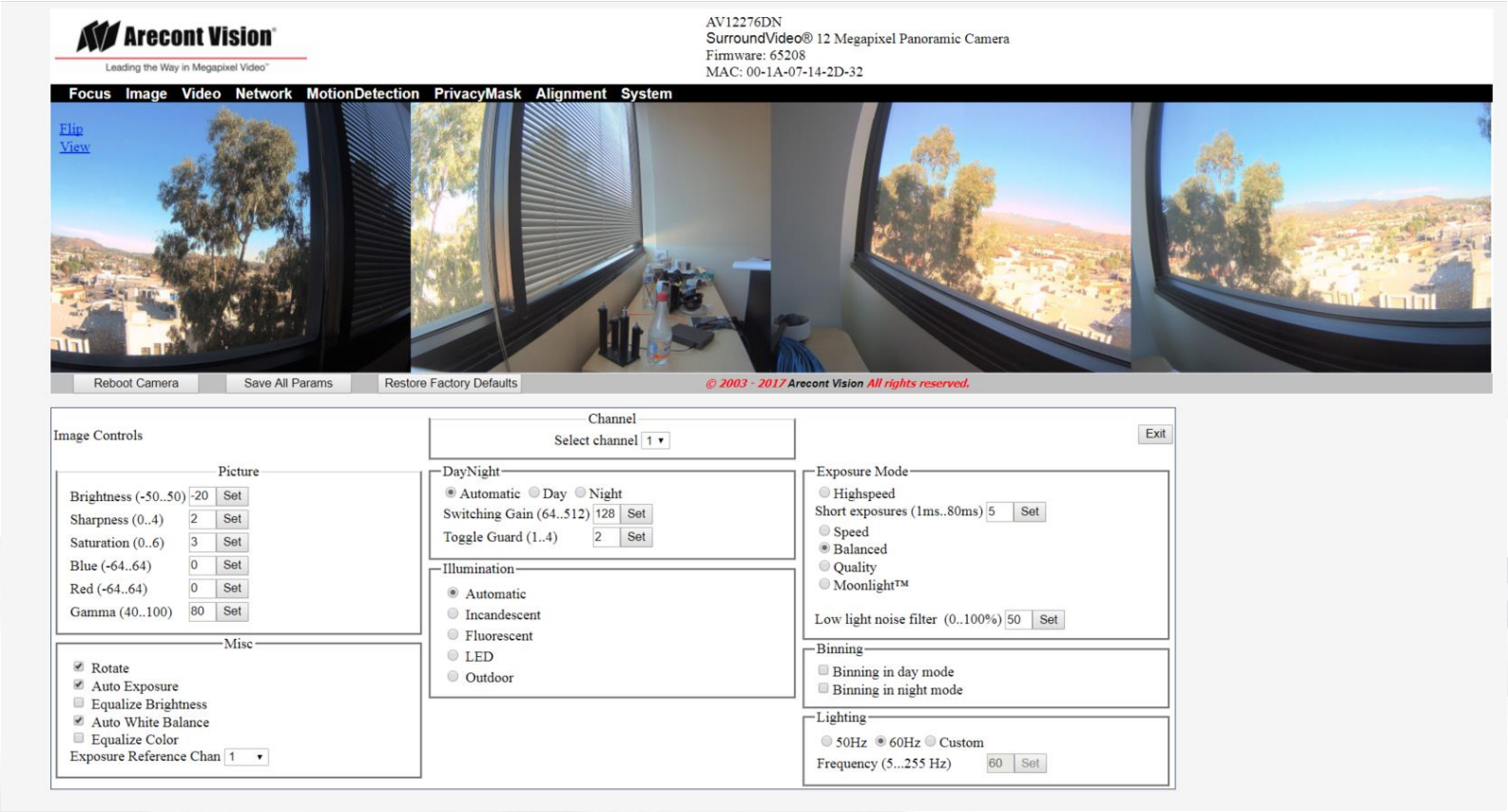
Smart Noise Adaptation & Processing

- Smart H.264 Codec Enhancement
- Updateable on Most Legacy Cameras
- Reduces Bandwidth Without Impacting Image Quality

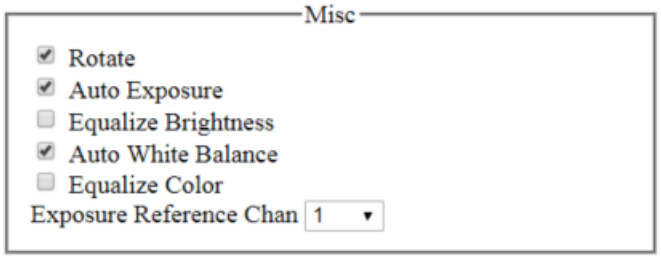


SNAPstream™ Technology

New Web Interface



Improved Color & Flicker Controls



New Network Protocols and Security Enhancements

802.1x

IEEE 802.1X defines the encapsulation of the Extensible Authentication Protocol (EAP) over IEEE 802, which is known as "EAP over LAN" or EAPOL. Enter EAP Identifier or CHAP user name, followed by CHAP password. Check Radius server user configuration for proper values. Reboot the camera to start EAPOL packet exchange.

Enable 802.1x

EAP

EAP Identifier:

Confirmation:

Set Erase

CHAP

(Up to 16 digits, letters and symbols, excluding # % & ' " < >)

CHAP Password:

Confirmation:

Set Erase

HTTPS

HTTPS Enable

Generate HTTPS Certificate

HTTPS Certificate:

Choose File No file chosen

Certificate Download

HTTPS Key Certificate:

Choose File No file chosen

Key Download

Port Filter

Enable NTP

Enable TFTP

Enable MDNS

OpenEye®

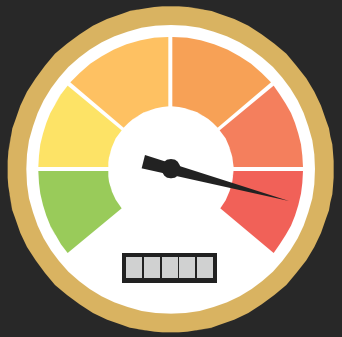
OPENEYE WEB SERVICES

CLOUD MANAGED VIDEO SURVEILLANCE

OpenEye®

OPENEYE WEB SERVICES
CLOUD MANAGED VIDEO SURVEILLANCE

THE CONVENIENCE AND
FLEXIBILITY
OF THE CLOUD



THE PERFORMANCE AND
RELIABILITY
OF LOCAL RECORDING

OpenEye®

OWS ARCHITECTURE OVERVIEW

LOCAL

Recording takes place locally for increased recording performance and reliability

CLOUD

User profiles and recorder information are stored in the cloud for convenient remote access and management

REMOTE

Recorders are accessed using your choice of powerful remote applications

OpenEye®

INCREASE RETURN ON INVESTMENT

Simplify Video Access and Retrieval

Simplify User Management

Store And Share Clips Online

Reduce IT Overhead

OpenEye®

REDUCE I.T. OVERHEAD

Eliminate Port Forwarding & DDNS

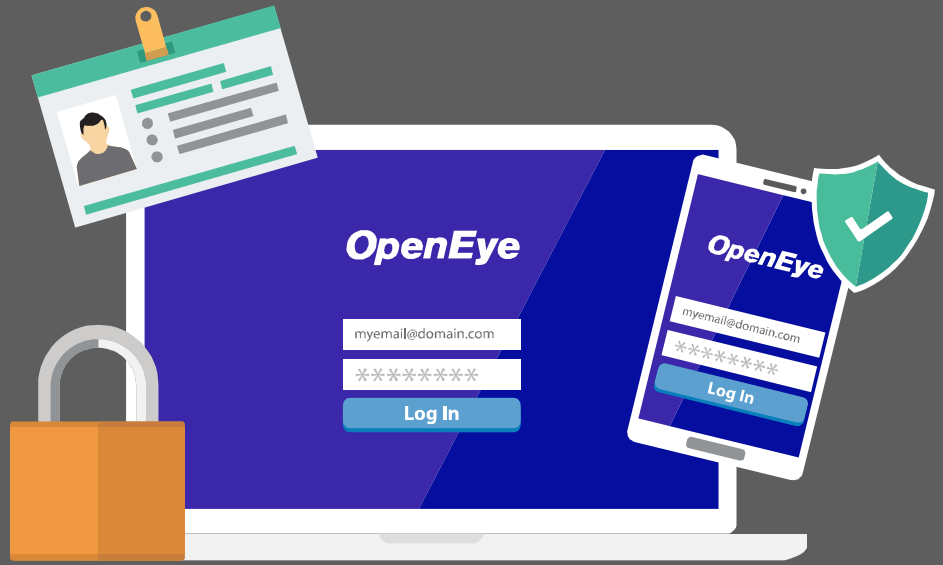
No Client Side Programming

Cloud Enabled Software Updates

Deployable as Thin Client

OpenEye®

IMPROVED CYBER SECURITY



No Open Inbound Ports on Firewall

Multi-factor Authentication

NIST Compliant Data Encryption

Transparent Layer Security

OpenEye®

KEY BENEFITS FOR CHANNEL PARTNERS

REDUCE LABOR AND SUPPORT COSTS

INCREASE RECURRING REVENUE FROM PROACTIVE VIDEO SERVICE

OpenEye®

REDUCE LABOR AND SUPPORT COSTS

Reduce Tech Support Calls

- Trusted outbound connection
- Automated roaming profiles
- Automated password resets

Reduce Truck Rolls

- Complete remote administration and troubleshooting without VPN access
- Camera link / remote accessible POE technology

OpenEye®

Recurring Revenue from Proactive Video Services

	STANDARD	DELUXE	PREMIUM
24/7 Digital Monitoring of System Health	✓	✓	✓
Monthly Camera Image Verification Report	✓	✓	✓
Video Verification of Monitored Alarms	✗	✓	✓
Proactive Response to Digital Health Monitoring Events	✗	✓	✓
Request for Video Event Backup and Distribution	✗	2 Per Month	Unlimited
Camera Image Verification	✗	Quarterly	Monthly
Installation of Critical Security Updates	✗	1 Week	2 Business Days
Installation of Available Software Updates	✗	Annually	Quarterly
Appliance / Server Inspection and Cleaning	✗	Annually	Semi Annually
Camera Inspection and Cleaning	✗	Annually	Semi Annually
Service on Installed Equipment	In Warranty	✓	✓
Initial Response Time to Service Inquiries	Same Day	4 Hours	2 Hours
Same Day or Next Day On Site Service Available	✗	✓	✓
24/7 Service Available	✗	✗	✓
Locked in Labor Rates During Agreement Term	✗	✓	✓

SOFTWARE DEMONSTRATION

OpenEye

Arecont Vision offices will be closed on December 25th, 2017.

The AV Technical Assistance Center (TAC) will provide email & web support as needed.

Mutlu bayramlar!

Fijne feestdagen! أعياد سعيدة

즐거운 휴일! Linksmų švenčių!

節日快樂 Καλές διακοπές! חמש גח!

¡Felices vacaciones! Срећни празници!

楽しい休暇をお過ごしください。

Glædelig jul! Happy holidays!

Bonnes vacances! С праздниками!

Frohe Feiertage! Boas festas!

วันหยุดมีความสุข

Buone vacanze!

Made in the USA

www.arecontvision.com

Arecont Vision

Leading the Way in Megapixel Video™

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sales@arecontvision.com

+1.818.938.0700

Arecont Vision

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