



State of West Virginia
 Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

Request for Quotation

RFQ NUMBER
HUT978

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF
JOHN ABBOTT
304-558-2544

RFQ COPY
 TYPE NAME/ADDRESS HERE
EYE3DATA
7560 CENTRAL PARK BLVD
MASON, OH 45040

DATE PRINTED 05/17/2007	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
BID OPENING DATE: 05/31/2007		BID OPENING TIME 01:30PM		

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	LS	840-84	<p>REQUEST FOR QUOTATION</p> <p>THE PURCHASING DIVISION IS SOLICITING BIDS FOR THE HUTTONSVILLE CORRECTIONAL CENTER TO PROVIDE CLOSED CIRCUIT SECURITY SURVEILLANCE EQUIPMENT.</p> <p>ATTACHMENTS: 1. SPECIFICATIONS 2. BID FORM 3. AFFIDAVIT</p> <p>DELIVERY: DELIVERY SHALL BE MADE TO THE HUTTONSVILLE CORRECTIONAL CENTER P.O. BOX 1 HUTTONSVILLE, WV 26273</p> <p>DELIVERY SHALL BE INCLUDED IN THE BID PRICE; AND SHALL BE MADE WITHIN 30 DAYS UPON RECEIPT OF THE PURCHASE ORDER.</p> <p>VIDEO SURVEILLANCE SYSTEMS</p> <p>VENDOR PREFERENCE CERTIFICATE</p> <p>CERTIFICATION AND APPLICATION* IS HEREBY MADE FOR PREFERENCE IN ACCORDANCE WITH WEST VIRGINIA CODE, 5A-3-37 (DOES NOT APPLY TO CONSTRUCTION CONTRACTS).</p>		

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE: *[Signature]* TELEPHONE: **877-237-3100** DATE: **5-30-07**

TITLE: **PRESIDENT** FEIN: ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



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POSTER

EYE3DATA
7560 CENTRAL PARK BLVD
MASON, OH 45040

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<p>A. APPLICATION IS MADE FOR 2.5% PREFERENCE FOR THE REASON CHECKED:</p> <p>() BIDDER IS AN INDIVIDUAL RESIDENT VENDOR AND HAS RESIDED CONTINUOUSLY IN WEST VIRGINIA FOR FOUR (4) YEARS IMMEDIATELY PRECEDING THE DATE OF THIS CERTIFICATION; OR</p> <p>() BIDDER IS A PARTNERSHIP, ASSOCIATION OR CORPORATION RESIDENT VENDOR AND HAS MAINTAINED ITS HEAD-QUARTERS OR PRINCIPAL PLACE OF BUSINESS CONTINUOUSLY IN WEST VIRGINIA FOR FOUR (4) YEARS IMMEDIATELY PRECEDING THE DATE OF THIS CERTIFICATION; OR 80% OF THE OWNERSHIP INTEREST OF BIDDER IS HELD BY ANOTHER INDIVIDUAL, PARTNERSHIP, ASSOCIATION OR CORPORATION RESIDENT VENDOR WHO HAS MAINTAINED ITS HEADQUARTERS OR PRINCIPAL PLACE OF BUSINESS CONTINUOUSLY IN WEST VIRGINIA FOR FOUR (4) YEARS IMMEDIATELY PRECEDING THE DATE OF THIS CERTIFICATION; OR</p> <p>() BIDDER IS A CORPORATION NONRESIDENT VENDOR WHICH HAS AN AFFILIATE OR SUBSIDIARY WHICH EMPLOYS A MINIMUM OF ONE HUNDRED STATE RESIDENTS AND WHICH HAS MAINTAINED ITS HEADQUARTERS OR PRINCIPAL PLACE OF BUSINESS WITHIN WEST VIRGINIA CONTINUOUSLY FOR THE FOUR (4) YEARS IMMEDIATELY PRECEDING THE DATE OF THIS CERTIFICATION.</p> <p>B. APPLICATION IS MADE FOR 2.5% PREFERENCE FOR THE REASON CHECKED:</p> <p>() BIDDER IS A RESIDENT VENDOR WHO CERTIFIES THAT, DURING THE LIFE OF THE CONTRACT, ON AVERAGE AT LEAST 75% OF THE EMPLOYEES WORKING ON THE PROJECT BEING BID ARE RESIDENTS OF WEST VIRGINIA WHO HAVE RESIDED IN THE STATE CONTINUOUSLY FOR THE TWO YEARS IMMEDIATELY</p>						

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SIGNATURE *for [unclear]* TELEPHONE **877-237-3100** DATE **5-30-07**
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PROJECT

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<p>PRECEDING SUBMISSION OF THIS BID; OR () BIDDER IS A NONRESIDENT VENDOR EMPLOYING A MINIMUM OF ONE HUNDRED STATE RESIDENTS OR IS A NONRESIDENT VENDOR WITH AN AFFILIATE OR SUBSIDIARY WHICH MAINTAINS ITS HEADQUARTERS OR PRINCIPAL PLACE OF BUSINESS WITHIN WEST VIRGINIA EMPLOYING A MINIMUM OF ONE HUNDRED STATE RESIDENTS WHO CERTIFIES THAT, DURING THE LIFE OF THE CONTRACT, ON AVERAGE AT LEAST 75% OF THE EMPLOYEES OR BIDDERS' AFFILIATE'S OR SUBSIDIARY'S EMPLOYEES ARE RESIDENTS OF WEST VIRGINIA WHO HAVE RESIDED IN THE STATE CONTINUOUSLY FOR THE TWO YEARS IMMEDIATELY PRECEDING SUBMISSION OF THIS BID.</p> <p>BIDDER UNDERSTANDS IF THE SECRETARY OF TAX & REVENUE DETERMINES THAT A BIDDER RECEIVING PREFERENCE HAS FAILED TO CONTINUE TO MEET THE REQUIREMENTS FOR SUCH PREFERENCE, THE SECRETARY MAY ORDER THE DIRECTOR OF PURCHASING TO: (A) RESCIND THE CONTRACT OR PURCHASE ORDER ISSUED; OR (B) ASSESS A PENALTY AGAINST SUCH BIDDER IN AN AMOUNT NOT TO EXCEED 5% OF THE BID AMOUNT AND THAT SUCH PENALTY WILL BE PAID TO THE CONTRACTING AGENCY OR DEDUCTED FROM ANY UNPAID BALANCE ON THE CONTRACT OR PURCHASE ORDER.</p> <p>BY SUBMISSION OF THIS CERTIFICATE, BIDDER AGREES TO DISCLOSE ANY REASONABLY REQUESTED INFORMATION TO THE PURCHASING DIVISION AND AUTHORIZES THE DEPARTMENT OF TAX AND REVENUE TO DISCLOSE TO THE DIRECTOR OF PURCHASING APPROPRIATE INFORMATION VERIFYING THAT BIDDER HAS PAID THE REQUIRED BUSINESS TAXES, PROVIDED THAT SUCH INFORMATION DOES NOT CONTAIN THE AMOUNTS OF TAXES PAID NOR ANY OTHER INFORMATION DEEMED BY THE TAX COMMISSIONER TO BE CONFIDENTIAL.</p> <p>UNDER PENALTY OF LAW FOR FALSE SWEARING (WEST VIRGINIA</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Ken Juenker</i>	TELEPHONE 877-237-3100	DATE 5-30-07
TITLE PRESIDENT	ADDRESS CHANGES TO BE NOTED ABOVE	

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<p>CODE 61-5-3), BIDDER HEREBY CERTIFIES THAT THIS CERTIFICATE IS TRUE AND ACCURATE IN ALL RESPECTS; AND THAT IF A CONTRACT IS ISSUED TO BIDDER AND IF ANYTHING CONTAINED WITHIN THIS CERTIFICATE CHANGES DURING THE TERM OF THE CONTRACT, BIDDER WILL NOTIFY THE PURCHASING DIVISION IN WRITING IMMEDIATELY.</p> <p>BIDDER: <u>EYE3 DATA</u></p> <p>DATE: <u>5-30-07</u></p> <p>SIGNED: <u>Don Kennedy</u></p> <p>TITLE: <u>PRESIDENT</u></p> <p>* CHECK ANY COMBINATION OF PREFERENCE CONSIDERATION(S) IN EITHER "A" OR "B", OR BOTH "A" AND "B" WHICH YOU ARE ENTITLED TO RECEIVE. YOU MAY REQUEST UP TO THE MAXIMUM 5% PREFERENCE FOR BOTH "A" AND "B". (REV. 12/00)</p> <p>NOTICE</p> <p>A SIGNED BID MUST BE SUBMITTED TO:</p> <p>DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130</p>						

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<p>THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:</p> <p>SEALED BID</p> <p>BUYER: JOHN ABBOTT-----</p> <p>RFQ. NO.: HUT978-----</p> <p>BID OPENING DATE: 05/31/2007-----</p> <p>BID OPENING TIME: 1:30 PM-----</p> <p>PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID:</p> <p>----- 513-770-0176 -----</p> <p>CONTACT PERSON (PLEASE PRINT CLEARLY):</p> <p>----- RON MERCHANT -----</p> <p>----- CEO & PRESIDENT -----</p> <p>***** THIS IS THE END OF RFQ HUT978 ***** TOTAL: _____</p>						

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**CLOSED CIRCUIT SECURITY SURVEILLANCE SYSTEM
SPECIFICATIONS**

The Huttonsville Correctional Center requests bids for the purchase of the following Closed-Circuit Security TV System equipment. The Huttonsville Correctional Center will perform installation.

Item #1

* Pelco Model DX8101-250A or EQUAL - 8 channel DVR W250GB, CDRW, ITP/IP, 8 AUDIO INPUTS

Item #2

Pelco Model DX8116-250A or EQUAL - 16 Channel DVR W250GB, CDRW, ITP/IP, 16 Audio INPUTS

Item #3

Pelco Model SD5318-HPED Spectra III or EQUAL - PTZ W HD ENCLOSURE Pendant mount, smoke lens 18Xzoom

Item #4

PELCO CAMCLOSURE MODEL IS110-CHV9 or EQUAL - SRFMT HI_RES COLOR 3-9.9mm With auto IRIS lens

Item #5

PELCO MODEL TW3016P or EQUAL -16 CH Transceivers for UTP

Item #6

PELCO MODEL MCS8-5E or EQUAL - 8 fused outputs 5amp power supply

Item #7

PELCO MODEL MCS1620SB - 16 fused outputs 20amp power supply

Item #8

PELCO MODEL PMCL319 or EQUAL - 19" LCD Monitor

Item #9

PELCO MODEL G2512-2CBV21AH or EQUAL - IMAGEPAK HIGH RESOLUTION COLOR 2.8-12MM AUTO IRIS LENS, HOUSING, HEATER BLOWER and MOUNT

Item #10

PELCO MODEL TW3008P or EQUAL - TRANSCEIVER FOR UTP

* ITEMS 1 and 2 must have channel expansion capability.

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

West Virginia Code §5A-3-10a states: No contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and the debt owned is an amount greater than one thousand dollars in the aggregate

DEFINITIONS:

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Debtor" means any individual, corporation, partnership, association, limited liability company or any other form or business association owing a debt to the state or any of its political subdivisions. "Political subdivision" means any county commission; municipality; county board of education; any instrumentality established by a county or municipality; any separate corporation or instrumentality established by one or more counties or municipalities, as permitted by law; or any public body charged by law with the performance of a government function or whose jurisdiction is coextensive with one or more counties or municipalities. "Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceed five percent of the total contract amount.

EXCEPTION: The prohibition of this section does not apply where a vendor has contested any tax administered pursuant to chapter eleven of this code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

LICENSING: Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission, or any other state agencies or political subdivision. Furthermore, the vendor must provide all necessary releases to obtain information to enable the Director or spending unit to verify that the vendor is licensed and in good standing with the above entities.

CONFIDENTIALITY: The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures and rules. Vendors should visit www.state.wv.us/admin/purchase/privacy for the Notice of Agency Confidentiality Policies.

Under penalty of law for false swearing (West Virginia Code, §61-5-3), it is hereby certified that the vendor acknowledges the information in this said affidavit and are in compliance with the requirements as stated.

Vendor's Name: EYE3 DATA

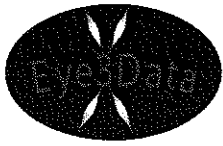
Authorized Signature: Ron [Signature] Date: 5/30/07

HUT978 - BID FORM				
ITEM #	ORDER QTY.	UNIT PRICE	EXTENDED PRICE	BRAND/MODEL BID
1	1	\$ 3,250.00	\$ 3,250.00	ECC-9240-250-R
2	6	\$ 3,850.00	\$ 23,100.00	ECO-16480-250-R
3	4	\$ 1,195.00	\$ 4,780.00	E3C-PTZ-221N-SN
4	96	\$ 220.00	\$ 21,120.00	E3C-DM-530-VDN
5	6	\$ 909.00	\$ 5,454.00	E3A-TRX16-S
6	1	\$ 125.00	\$ 125.00	E3A-PS8-8E
7	6	\$ 325.00	\$ 1,950.00	E3A-PS16-16E
8	2	\$ 325.00	\$ 650.00	AL-1916WABD
9	6	\$ 380.00	\$ 2,280.00	E3C-BX-V550DNZ
10	1	\$ 820.00	\$ 820.00	E3A-TRX8-S
		GRAND TOTAL	\$ 63,529.00	

Shipping and Handling cost for all the products will be estimated at 6% of total amount purchased. Delivery will be within 30 days from the date contract is awarded in writing.

Bidder Information

Name: Ron Merchant - Eye3Data
Address: 7560 Central Park Blvd.
Mason, OH 45040
Telephone: 877-237-3100
Fax# : 513-770-0176
Email: Rmerchant@eye3data.com



May 30, 2007

Department of Administration
Purchasing Division
Building 15
2019 Washington Street, East
Charleston, WV 25305-0130

Attn: Mr. John Abbott

Dear Mr. Abbott,

We are pleased to present to you this response to RFQ Number HUT978. As a reference, I would also like to inform you that we have installed the same DVR Model in over 32 Monongalia schools in West Virginia.

I wanted to take this opportunity to introduce Eye3data and its wide range of CCTV and Digital solutions. Eye3data based in Cincinnati, OH is a manufacturer and global distributor of Digital Security Solutions. Since our inception, we are focused on R&D and technological innovations, to bring the most practical and cost effective solutions to our distributors and dealers. Our Flagship **Eye3-PCDVR** product has been installed in several 100 locations, spanning a variety of industries.

In an industry that has an over abundance of DVR suppliers, a common question asked is what makes Eye3data's DVR unique? Why should a dealer carry and support Eye3-PCDVR?

- Open architecture (SDK available for integration with other 3rd party products)
- Out-of-the-box integration with Access Control
- Scalable architecture (scale up from Analog (32) to Digital (96) using our IP/Video Server)
- Map driven Network Central Monitoring Software (NCMS) to connect unlimited sites
- OEM option available
- Price/Performance competitive
- Highest levels of Customer Service
- FREE Unlimited Product training for Dealers/Distributors
- Strict Quality Control procedures and guidelines
- 24-month Limited warranty
- Marketing incentives/bonuses based on meeting annual targets

Apart from our flagship PC-DVR product, Eye3data also markets and sells through its growing list of distributors and dealers, other products focused on Public Safety/Law Enforcement, Schools, Transportation, Government, Hotels, Retail and Manufacturing. We have released 5 new products in 2006 and 2007.



Eye3-Mobile – Mobile DVR designed for the transportation industry, is one of industries leading mobile solutions. The system come with 4 or 8 channels, MPEG4, D1, GPS, Full Audio, IR Cameras and built-in multi-media. Ideal for School, Transit & Excursion buses, Taxis, Cash Guard Trucks etc.

Eye3-Net – is Eye3data's NVR solution that can combine both Analog and Digital streams under a common HYBRID architecture. The software provides MPEG4 compression and is being designed to scale up to 128 channels (32 Analog and 96 IP channels).

Eye3-Flash – is the industries first all-in-one portable DVR. Designed for the Public Safety, Law Enforcement and Patrol Guards, the system provides up to 4 hours of live audio/video recording, 500+ snapshots and a flash light (6,000watt white LED), lithium rechargeable battery and a USB port.

Eye3-Control Center – is designed primarily for control and monitoring centers.

Eye3-Embedded – is compact, rugged and powerful. This LINUX based embedded system comes in 4/8/16 audio and video channels, 250G HDD (expandable to 1.5 TB) provides extensive functionality at an extremely economical price point.

Eye3-LED – our large indoor/outdoor LED Walls. These LED walls are being targeted towards building Outdoor Digital Networks, marketing and advertising companies, sports venues, shopping malls, amusement parks, movie theaters, Schools and Universities.

Attached are marketing flyers for a few of our products. We also encourage you to visit us at www.ey3data.com for further information on our line of cameras. You can also download marketing literature for all our products from the website website.

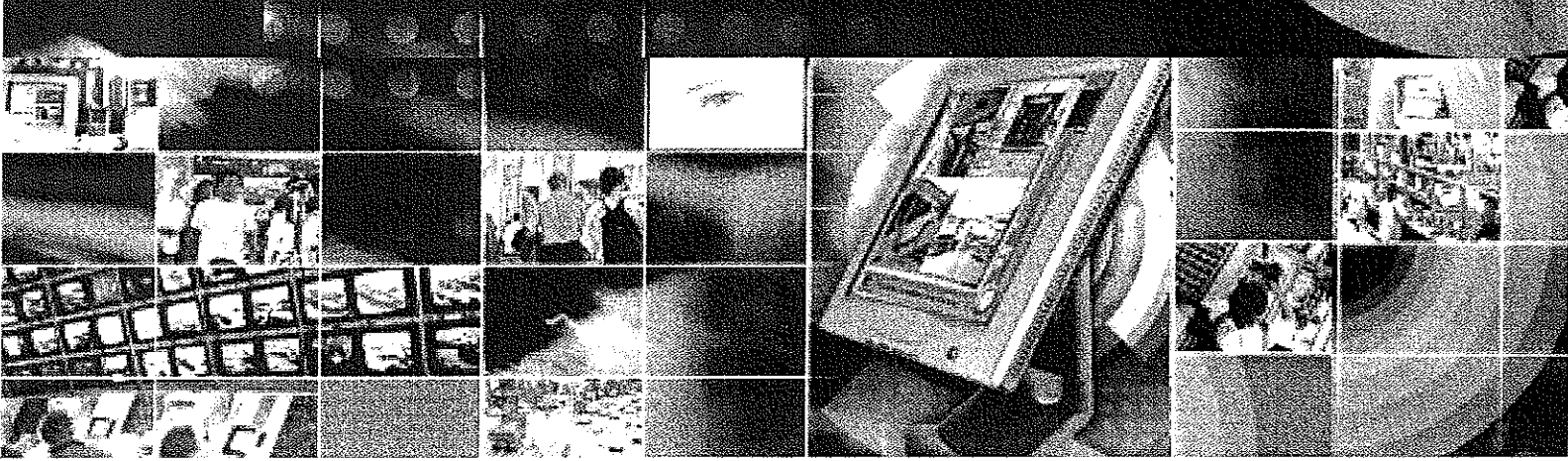
If you have any questions and you are interested in becoming our dealer in your area, please fax us a completed dealer application (available on our website) or call our Sales Department at (877) 237-3100.

Sincerely,

A handwritten signature in black ink that reads "Ron Merchant".

Ron Merchant
CEO & President

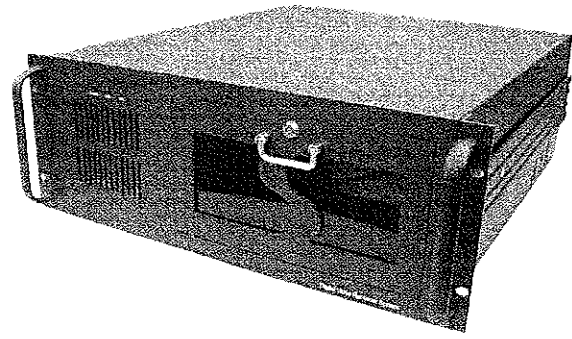
EYE3 PC Based DVR Series



Eye3Data, Inc. offers advanced digital security solution with a recording and display rate ranging from 30 frames per second (fps) to 480 fps across 4, 8 or 16 channels. Depending on customer requirements, EYE3 products can be configured to leverage either MPEG4 compression rate, to maximize efficiency and use of the system. EYE3 is a multifaceted product that is scaleable and integrates with many other industry standard products. The EYE3 series of products come standard with software to remotely view and configure your cameras. Adjustable MPEG4 compression ensures that video images are stored using minimum disk capacity and allows recovery of all images from compression with minimum loss of quality.

Product Features

- Industry Standard MPEG4 Technology
- Upto 30 Frames per Second for Recording And Viewing
- Upto 4 Channels Audio Recording- 2 Way audio with Remote
- Multi-Camera Playback (Search) in DVR and Remote
- Easy Access PTZ Controller per Channel & User Defined Touring
- Encrypted/Watermarked Recordings with Digital Signature
- Multi-Remote Site Support
- Adjustable Recording Rates for Time Lapse & Motion Detected Modes
- Highest Capacity on line storage
- Digital Zoom and Playback
- Multi-Level Password Protection
- Export Video Clip in AVI format with Audio
- Auto Launch of Video on Specified Alarm Events
- Variable frame Rates for each Camera
- Automatic E-mail or Paging on Events



RECORDER / PLAYBACK FEATURES

- Record and Playback Speed...Up to 30fps per camera
(play back recorded speed)
- Image Compression Size.....360x240=1-5KB
720x240=2-10KB
720x480=3-15KB
- Cameras Recorded Locally/Remotely.....1-16 (selectable and simultaneous)
- Cameras Played-Back Locally/Remotely...1-16 (selectable and simultaneous)
- Recording Modes.....Motion Triggered (Timed Scheduled)
Continuous Record (Timed or Manual)
Sensor Triggered
Combinations of Motion and Alarm
Monitor Mode Only (watch mode - no record)
Priority Motion/Sensor

REMOTE ACCESS SPECIFICATIONS

REMOTE PC REQUIREMENTS

- Processor..... Intel Pentium 3, Pentium 4 with 800MHz minimum processor speed
- Memory..... 128MB RAM
- Video..... AGP VGA card with minimum 64MB video RAM, 1024x768, 32 bit display resolution
- Monitor..... SVGA or SGA with 1024x768 resolution
- OS..... Windows 2000 (SP4) or Windows XP, DirectX 8.1 or better, 500MB free disc space

REMOTE CAMERA VIEWING

- Camera Views..... (selectable) 1,4,6,9,10,16 available screen split
- Resolution..... (selectable) 320x240, 720x240, 720x480 (selectable per camera)
- Compression Format.....MPEG-4
- Communication... (selectable) TCP/IP: LAN, WAN, Internet or Dial-up. POTS/ISDN
- Player (search).... Multi-camera playback

MULTI-REMOTE ACCESS

- Server Access..... Up to 16 Servers per Single Session

SERVER SPECIFICATIONS

SYSTEM CONFIGURATION

Processor.....Upto 3.0 GHz P4
 RAM.....Upto 512 MB DDR2
 Audio.....On board sound
 (6.1 surround sound)
 Standard Storage.....200 GB Hard-drive capacity
 (optional up to 3.5TB)
 Archived Storage.....CD/RW (standard)
 (optional) 4.7GB DVD R/RW (optional)
 Communications.....10 MB/1.0 GB Ethernet Card
 (optional 56K modem)
 Signal System.....NTSC/PAL
 OS.....Windows XP Pro
 Input Voltage.....100-240-VAC
 Hardware Watch Dog.....User selectable

SERVER CONFIGURATION

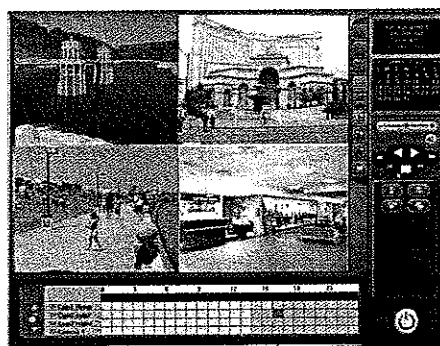
Camera Inputs (Analog).....Upto 16 input depends on your configuration
 Camera Inputs (Digital).....Upto 16 input depends on your configuration
 VGA Video.....64 DDR Dual Monitor Video Card,
 (optional 128MB DDR2) (single, clone, desktop, extended, TV out)
 VGA- Dual screen output: (1) VGA,
 (1) DVI/VGA composite, (1) VGA simulation,
 (1)VGA - 1 screen output , (1) single picture
 switching composite - 1 switching output
 Audio.....Upto 16 input depends on your configuration
 remote 2-way audio support
 Screen Split.....1,4,9,16 screen split
 System Frame Rate.....Upto 480 Live \ Display Total Frames/Sec/System
 Adjustable Frame Rate.....1-30 fps per camera
 Recording Resolution.....(NTSC/PAL) 640x480, 640x240, 320 x 240
 (selectable per camera)
 Adjustable Compression.....MPEG4
 PTZ Control.....RS-422/485 Interface
 Alarm Inputs / Outputs.....Up to 16 contact dry closure inputs and
 4 relay outputs

Model Number	ECC-430	ECC-1630	ECC-1660	ECC-16120	ECC-16240	ECO-4120	ECC-16120	ECO-16240	ECO-16480
Camera Input	4	16	16	16	16	4	16	16	16
Audio Input	4	4	4	4	8	4	4	8	16
Display Speed	Upto 30fps	Upto 30fps	Upto 60fps	Upto 120fps	Upto 240fps	Upto 120fps	Upto 120fps	Upto 240fps	Upto 480fps
Recording Speed	Upto 30fps	Upto 30fps	Upto 60fps	Upto 120fps	Upto 240fps	Upto 120fps	Upto 480fps	Upto 480fps	Upto 480fps
Sensor / Relay	16/4 or 16/16	16/4 or 16/16	16/4 or 16/16	16/4 or 16/16	16/4 or 16/16	16/4 or 16/16	16/4 or 16/16	16/4 or 16/16	16/4 or 16/16

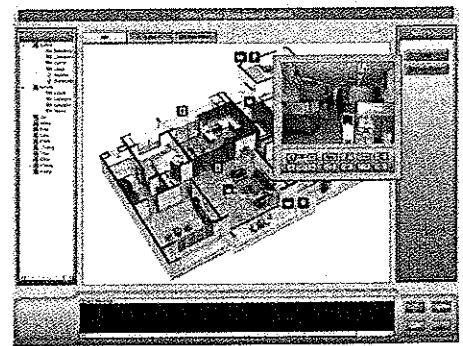
DVR Main Screen



DVR Search Screen



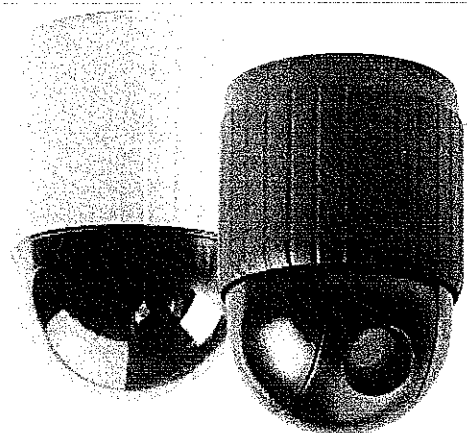
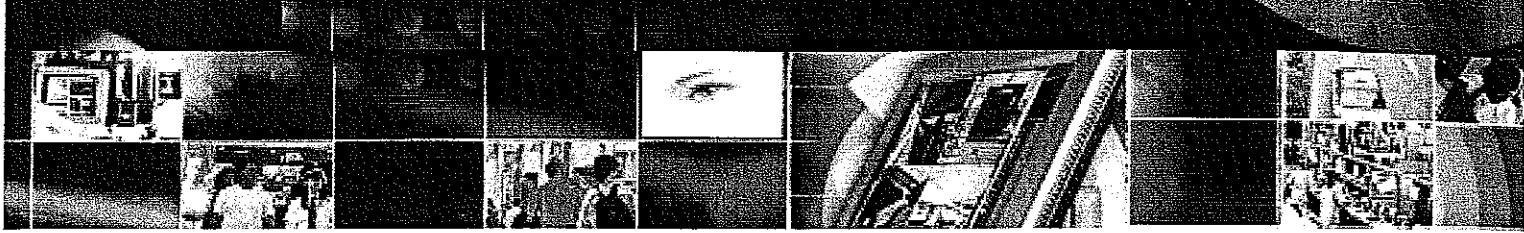
Central Management System



Contact Information:
 Eye3Data Inc.
 7560 Central Park Boulevard
 Mason, Ohio 45040
 Phone: 1(877) 237-3100
 Fax: 1(513) 770-0176

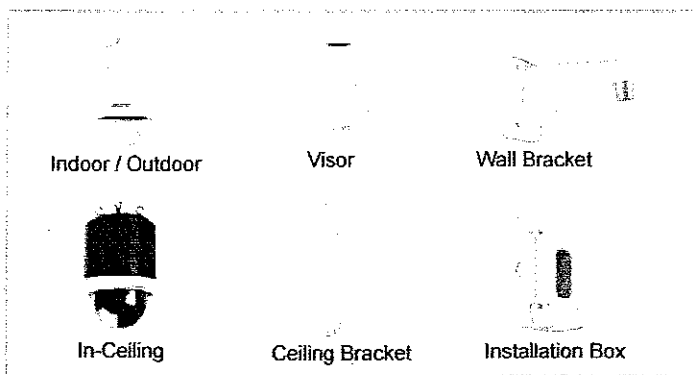
EYE3 Endless High End PTZ Camera

EYE3-DS-251N/DS-251P



Key Features

- Compact sized ϕ 120 Acryl dome - sized all-in-one color camera
- Easy interface with multiple protocol and automatic dome protocol detection
- IP66 environmental structure (optional outdoor housing)
- 1/4" IT Super HAD CCD 410,000 Pixels
- 480 TV Lines of Horizontal Resolution
- Outstanding Auto focus tracking with 25x Zoom Lens (f=3.8 ~ 95mm)
- High Sensitivity with a minimum illumination 0.001Lux (DSS, Black White)
- RS-485 communication for long distance camera application.
- 8 zones of image masking for Privacy
- Max. 380°/sec Panning speed (preset recall speed)
- Up to 248 programmable preset positions
- Up to 8 programmable Tours
- 4 memorized user control patterns up to 240 seconds (speed and position, lens controls)
- Outdoor external pendant mount housing with heater and blower (optional)
- 8 alarm inputs and 2 outputs
- Digital Flip function
- RS-422, 485 communication and remote program update
- AC 24V, 1A / AC 24V, 2A (Outdoor housing)



Mechanical

Pan	360° Endless Pan 0.1° to 90°/sec. (64 steps proportional to zoom)
Preset Speed	380°/sec, \pm 0.1° Accuracy
Tilt	0.1°/sec. to 90°/sec. (proportional to zoom)
Preset Speed	150°/sec, \pm 0.05° Accuracy
Weight	Unit : Approx. 1.5kg
Dimensions	125(ϕ) x 176(D) mm

Environmental

Ingress Protection	IP66 (Outdoor housing)
Construction	Aluminum
Color	Black, Cool Gray
Operating Temp	
Indoor	0°C to 50°C
Outdoor	-40°C to 50°C
Storage Temp	-20°C to 60°C
Humidity	0% to 90%
Fan operate	-30°C ON, 40°C OFF
Heater operate	5°C ON, 15°C OFF

Functions

Preset	248 points less than 0.1° accuracy
Tour	8 programmable
Pattern	4 patterns for 240 second.
Flip	Digital / Auto / Off (rotate 180° at bottom of tilt)
Auto Scan	8 (programmable speed and diagonal scan)
Privacy Zone	8 blocks with title (Masking / Video off)
Address	Up to 999 selectable ID (Rotary switch)
Control	RS-485 / RS-422 Multiple protocol (Auto detection) 2400, 4800, 9600, 19200 bps selectable
Alarm In	8 alarm (NO/NC, Priority)
Alarm Out	2 relay out (Hold, Latch)
Display	16 Area title North direction on/off (N,S,W,E) Zone title on/off (start / end zone) Camera title on/off (8 character)

Electrical

Power	AC 24V, 60Hz / AC 24V, 50Hz (Power adaptor not included)
Consumption	18.0 W (1.0A Max.)
Heater	30W (DSH-160F1)
Fan	3.4W (DSH-160F1)

User Connection

Power (Camera)	AC 21V - AC 28V, 50/60Hz - 18W Maximum
Power (Heater)	AC 21V - AC 28V, 50/60Hz - 30W Maximum
RS-422, 485	+ / - Optional Control Data
Video	BNC
Alarm Inputs	8 Programmable for N/O or N/C
Relay Out	2 Relay Out

Certification

CE EMC, FCC CLASS A

Technical Specification

Integrated speed dome systems

Mechanical

Pan	360° Continuous Pan 0.1° to 90°/sec. (64 steps proportional to zoom)
Preset Speed	380°/sec, ± 0.10° Accuracy
Tilt	0.1° to 90°/sec. (proportional to zoom)
Preset Speed	150°/sec, ± 0.05° Accuracy
Weight	Unit : 4.4kg
Dimensions	160(Ø) x 319(D) mm

Environmental

Ingress Protection	IP66 (Outdoor housing)
Construction	Aluminum
Color	Cool Gray
Operating Temp	
Indoor	0°C to 50°C
Outdoor	-40°C to 50°C
Storage Temp	-20°C to 60°C
Humidity	0% to 90% (non-condensing)
Fan operate	30°C on, 40°C off
Heater operate	5°C on, 15°C off

Functions

Preset	248 points less than 0.1° accuracy
Tour	8 programmable
Pattern	4 patterns for 240 second.
Flip	Auto / Off (rotate 180° at bottom of tilt)
Auto Scan	8 (programmable speed and diagonal scan)
Privacy Zone	8 blocks with title (Mask / Video off)
Address	Up to 999 selectable ID (Rotary switch)
Control	RS-485 Multiple protocol (Auto detection) 2400, 4800, 9600, 19200 bps selectable
Alarm In	8 alarm (NO/NC)
Alarm Out	2 relay out
Display	16 Area title North direction on/off (N,S,W,E) Zone title on/off (start / end zone) Camera title on/off (8 character)

Electrical

Power	24VAC 60Hz / 24VAC 50Hz (Power adaptor not included)
Consumption	18.0 W (1.2A Max.)
Heater	30W
Fan	3.4W

User Connections

Power (Camera)	21 - 28VAC, 50/60Hz - 18W Maximum
Power (Heater)	21 - 28VAC, 50/60Hz - 30W Maximum
RS-485	+ / - Optional Control Data
Video	BNC
Alarm Inputs	2 Programmable for N/O or N/C
Relay Out	2 relay out

Certification

CE EMC , FCC CLASS A

Cameras

Image Sensor	1/4 inch Super HAD CCD 1/4 inch ExView HAD CCD (SDE181N/P)
Effective Pixels	768 x 494 NTSC / 752 x 582 PAL
Focus	Auto Focus / Manual Focus
Iris	Automatic with Manual Override
Video Output	Composite 1.0Vp-p, 75Ω, BNC
Sync.	Line-Lock or Internal Crystal
H-Resolution	480TV Lines
White Balance	ATW/AWC/Manual

E3C-251HN/HP

Lens	25x DayNight zoom, 10x Digital zoom f=3.8~95.0mm, F1.6 to F3.7
Min. Illumination	0.1 lx Color 0.001 lx B/W, DayNight
S/N Ratio	More than 48 dB
BLC	Auto BLC, ON/OFF

E3C-271HN/HP

Lens	27x DayNight zoom, 10x Digital zoom f=3.25~88.0mm, F1.5 to F3.8
Min. Illumination	1.0 lx Color 0.1 lx B/W, DayNight 0.003 lx B/W, Digital slow shutter
S/N Ratio	More than 48 dB
BLC	ON/OFF

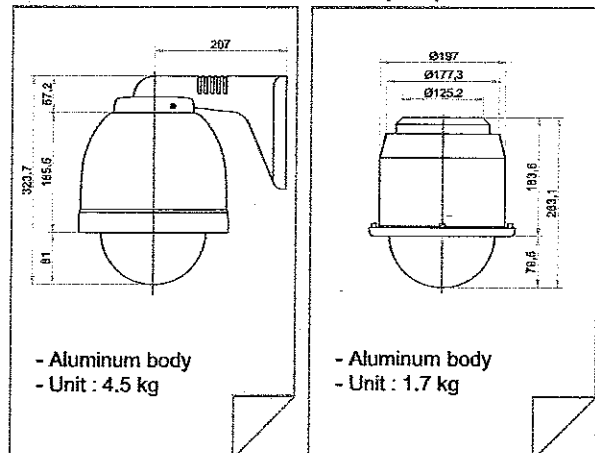
E3C-230HN/HP

Lens	23x 10x Digital zoom f=3.8~87.4.0mm, F1.6 to F3.7
Min. Illumination	1.0 lx Color
S/N Ratio	More than 48 dB
BLC	ON/OFF

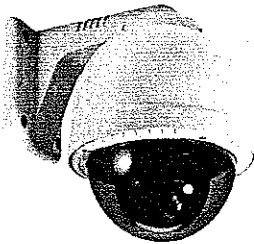
E3C-221HN/HP

Lens	22x 10x Digital zoom f=3.9~85.8mm, F1.6 to F3.7
Min. Illumination	1.0 lx Color 0.001 lx B/W, Digital slow shutter
S/N Ratio	More than 48 dB
BLC	ON/OFF

INSTALLATION DIMENSIONS (mm)



Technical Specification



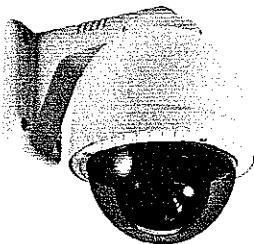
OUTDOOR WALL MOUNT : with FAN/HEATER

E3C-PTZ-271N-SN 1/4" CCD, 480TV lines, 27x low light, True Day Night, DSS, WDR

E3C-PTZ-251N-SN 1/4" CCD, 480TV lines, 25x low light, True Day Night, DSS, BMB

E3C-PTZ-230N-SN 1/4" CCD, 480TV lines, 23x

E3C-PTZ-221N-SN 1/4" CCD, 480TV lines, 22x low light, Day Night, DSS

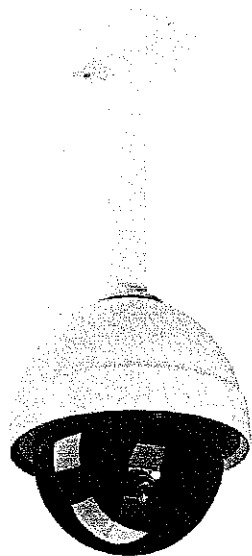


INDOOR WALL MOUNT

E3C-PTZ-271N-SN-W 1/4" CCD, 480TV lines, 27x low light, True Day Night, DSS, WDR

E3C-PTZ-230N-SN-W 1/4" CCD, 480TV lines, 23x

E3C-PTZ-221N-SN-W 1/4" CCD, 480TV lines, 22x low light, Day Night, DSS



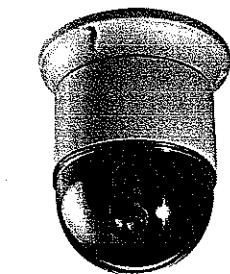
OUTDOOR CEILING MOUNT : with FAN/HEATER

E3C-PTZ-271N-SN-C 1/4" CCD, 480TV lines, 27x low light, True Day Night, DSS, WDR

E3C-PTZ-251N-SN-C 1/4" CCD, 480TV lines, 25x low light, True Day Night, DSS, BMB

E3C-PTZ-230N-SN-C 1/4" CCD, 480TV lines, 23x

E3C-PTZ-221N-SN-C 1/4" CCD, 480TV lines, 22x low light, Day Night, DSS



INDOOR CEILING MOUNT

E3C-PTZ-271N-SN-IC 1/4" CCD, 480TV lines, 27x low light, True Day Night, DSS, WDR

E3C-PTZ-230N-SN-IC 1/4" CCD, 480TV lines, 23x

E3C-PTZ-221N-SN-IC 1/4" CCD, 480TV lines, 22x low light, Day Night, DSS

INDOOR IN-CEILING MOUNT

E3C-PTZ-271FN/FP 1/4" CCD, 480TV lines, 27x low light, True Day Night, DSS, WDR

E3C-PTZ-230FN/FP 1/4" CCD, 480TV lines, 23x

E3C-PTZ-221FN/FP 1/4" CCD, 480TV lines, 22x low light, Day Night, DSS

PTZ Comparison Chart - Eyedata v/s Industry leading brands

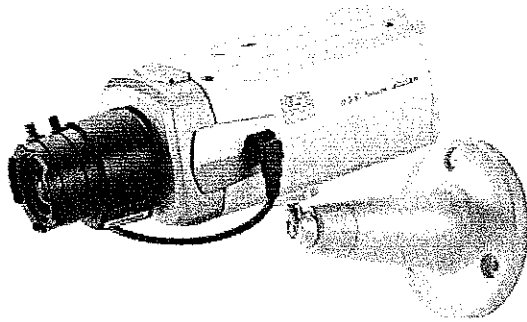
Brand Name	Eyedata	Eyedata	SAMSUNG	Honeywell	PELCO SPECTRA II	PELCO SPECTRA III SE	PELCO SPECTRA III SE	PELCO SPECTRA III	Tyco
Minimum Illumination	1.0 Lux(Normal shutter) 0.001 Lux (B/W, DSS) 0.1 Lux(B/W, Day night on)	Eye3SuperDome-1 1.0 Lux(Normal shutter) 0.001 Lux (B/W, DSS) 0.1 Lux(B/W, Day night on)	SmartDome 3 Lux(Normal) 0.02 Lux(Sens up x 128) 0.005 Lux(Sens up x128)	ScanDome II 1.0 Lux(Normal shutter) 0.01 Lux Slow Shutter on 0.1 Lux(Day night on)	0.07 Lux 1/2 sec Shutter Speed	0.08 Lux 1/2(1.5) sec(Chlor Mode) 0.013 Lux 1/2(1.5) sec(B/W Mode)	NTSC : 0.02 Lux 1/2 sec PAL : 0.02 Lux 1/1.5 sec	0.05 Lux 1/2 sec Shutter Speed	1.0 Lux/20 IRE,AGC ON) 0.05 LUX (Open Shutter)
Sync System	Int/Ext, V-Phase Remote Control	Int/Ext, V-Phase Remote Control	Int/Ext, V-Phase Remote Control	Int/Ext, V-Phase Remote Control	Int/Ext, V-Phase Remote Control	Int/Ext, V-Phase Remote Control	Int/Ext, V-Phase Remote Control	Int/Ext, V-Phase Remote Control	Int/Ext, V-Phase Remote Control
Focus	Auto with manual override	Auto with manual override	Auto with manual override	Auto with manual override	Auto with manual override	Auto with manual override	Auto with manual override	Auto with manual override	Auto with manual override
White Balance	Auto with manual override	Auto with manual override	Auto with manual override	Auto with manual override	Auto with manual override	Auto with manual override	Auto with manual override	Auto with manual override	Auto with manual override
Iris Control	Auto with manual override	Auto with manual override	Auto with manual override	Auto with manual override	Auto with manual override	Auto with manual override	Auto with manual override	Auto with manual override	Auto with manual override
Gain Control	Auto with manual override	Auto with manual override	Auto with manual override	Auto with manual override	Auto with manual override	Auto/Off	Auto/Off	Auto with manual override	Auto with manual override
Shutter Speed	NTSC - 1/60 ~ 1/10,000 Pal - 1/50~1/10,000	NTSC - 1/60 ~ 1/10,000 Pal - 1/50~1/10,000	NTSC - 1/60 ~ 1/10,000 Pal - 1/50~1/10,000	NTSC - 1/60 ~ 1/10,000 Pal - 1/50~1/10,000	1/2 ~ 1/30,000	NTSC - 1/2 ~ 1/30,000 PAL - 1/1.5 ~ 1/30,000	NTSC - 1/2 ~ 1/30,000 PAL - 1/1.5 ~ 1/30,000	NTSC - 1/2 ~ 1/30,000 PAL - 1/1.5 ~ 1/30,000	No Spec(same Pelco?)
S/N Ratio	48dB	48dB	50dB	48dB	50dB	48dB	48dB	48dB	50dB
Video Output	1.0 Vp-p, 75Ω Composite	1.0 Vp-p, 75Ω Composite	1.0 Vp-p, 75Ω Composite	1.0 Vp-p, 75Ω Composite	1.0 Vp-p, 75Ω Composite	1.0 Vp-p, 75Ω Composite	1.0 Vp-p, 75Ω Composite	1.0 Vp-p, 75Ω Composite	1.0 Vp-p, 75Ω Composite
Power	Protection Normal 24VAC/1000mA	Protection Normal 24VAC/1000mA	24VAC 18W	Protection Normal 24VAC/1.0A	Protection Normal 24VAC/1.25A	Protection Normal 24VAC/1.25A	Protection Normal 24VAC/1.25A	Protection Normal 24VAC/1.25A	Protection Normal 24VAC/1.5A
Certifications	FCC CE Class A,	FCC CE Class A,	FCC Class B, CE	FCC CE Class A, UL/cUL	FCC CE Class A, UL/cUL	FCC CE Class B, UL/cUL	FCC CE Class B, UL/cUL	FCC CE Class B, UL/cUL	FCC CE Class A, UL/cUL, CE
Dimension	160(φ)X319mm(H)	125(φ)X176mm(H)	159mm(φ)X176mm(H) Ceiling:None Spec	125mm(φ)X205mm(H) Ceiling:125mm(φ)X80mm(H)	210mm(φ)X216mm(H) Ceiling:150mm(φ)X88mm(H)	Surface:193mm(φ)X220mm(H) Ceiling:150mm(φ)X88mm(H)	Surface:193mm(φ)X220mm(H) Ceiling:150mm(φ)X88mm(H)	Surface:193mm(φ)X220mm(H) Ceiling:150mm(φ)X88mm(H)	120mm(φ)X205mm(H) Ceiling:176mm(φ)X88mm(H)
Weight	4.4Kg	1.5Kg (4.6Kg, Outdoor)	2Kg	1.5Kg	1.9Kg	? (1.9Kg)	? (1.9Kg)	? (1.9Kg)	1.94Kg
Warranty	2 Year (6 Month/Preset,tour,s can)	2 Year (6 Month/Preset,tour,s can)	2 Year (6 Month/Preset,tour,s can)	2 Y (6M/Preset,tour,s can)	2 Y (6M/Preset,tour,s can)	2 Y (6M/Preset,tour,s can)	2 Y (6M/Preset,tour,s can)	2 Y (6M/Preset,tour,s can)	Min 1 Year
IP	IP66	IP67 (Outdoor Housing)							

EYE3 BoxCamera E3C-BX-550-1815



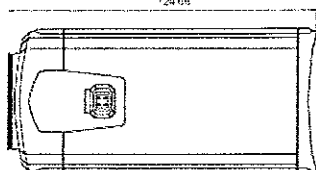
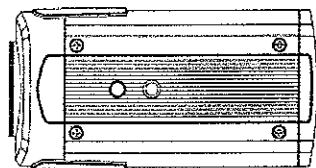
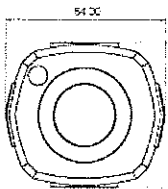
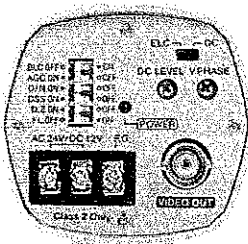
SPECIFICATIONS

Model	E3C-BX-550-1815N	E3C-BX-550-1815P
Signal System	NTSC	PAL
Scanning System	2:1 Interface	
Scanning Frequency (H)	15.734 KHz	15.625 KHz
Scanning Frequency (V)	59.94 Hz	50 Hz
Image Sensor	1/3 Inch SONY Super HAD CCD Interface	
Total Pixels	811(H) x 508(V) 410K	795(H) x 596(V) 470K
Total/Effective Pixels	768(H) x 494(V) 380K	752(H) x 582(V) 440K
Horizontal Resolution	550 TV Lines	
Video Output Level	1.0V p-p (75Ω Composite)	
S/N Ratio	More than 50dB (AGC Off)	
Day&Night Type	Digital slow shutter (2~32FLD/Auto) / ICR	
Digital Zoom Ratio	2x	
Min. Illumination	Day (0.3 LUX) Color / 0.1 Lux (B/W) / 0.008 LUX (DSs On, x32)	
Day&Night (ICR)	On/Off (Dip Switch)	
SDNR	Built-in	
DS	On/Off (Dip Switch)	
Iris Control	ELC / DC (Slide Switch)	
AGC, BLC, Flickerless	On/Off (Dip Switch)	
Dimensions	64(W) x 57.6(H) x 124.6 (D) mm	
Supplied Voltage	AC24V/DC12V Dual Voltage	
Power Consumption	Max. 3W	
Digital Noise Reduction	Auto	
Operating Temperature	-10C~+45C	
Storage Temperature	-20C~+65C	
Weight	Approx. 430g	

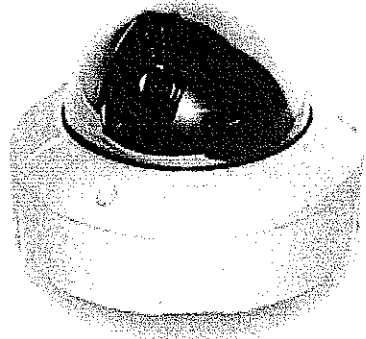


Features

- 1/3" SONY Super HAD CCD
- Day&Night (ICR), 2x Digital Zoom (On/Off)
- Super Digital Noise Reduction (SDNR)
- Digital Slow Shutter (On/Off)
- Auto White Balance
- AGC, BLC, Flickerless (On/Off)
- AC24V/DC12V Dual Voltage



EYE3 Dome Camera E3C-DM-550-DCNL

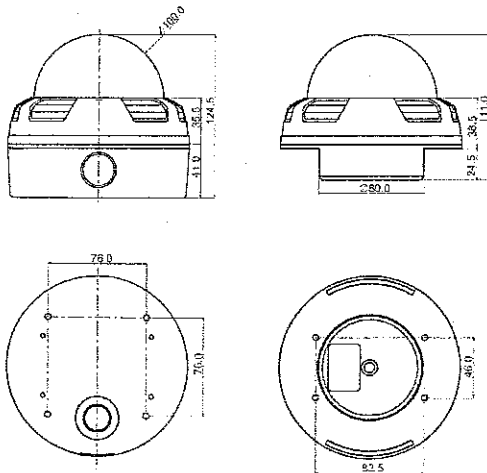


SPECIFICATIONS

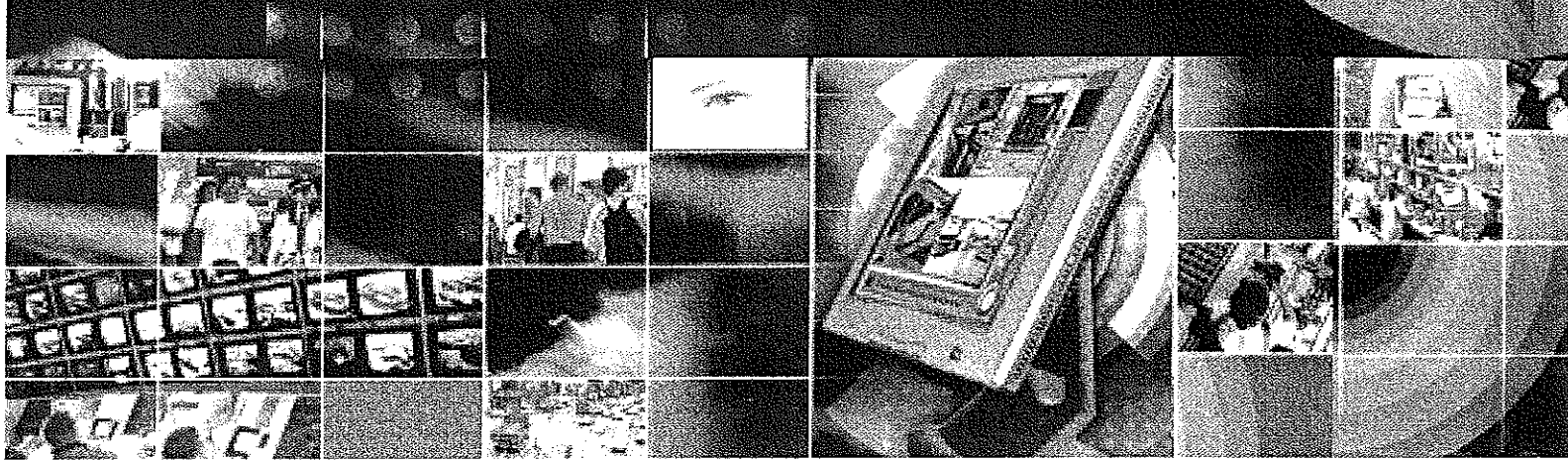
Model	E3C-DM-550-DCNL	E3C-DM-550-DCNLP
Signal System	NTSC	PAL
Scanning System	2:1 Interface	
Scanning Frequency (H)	15.734 KHz	15.625 KHz
Scanning Frequency (V)	59.94 Hz	50 Hz
Image Sensor	1/3 Inch SONY Super HAD CCD Interface	
Total Pixels	811(H) x 508(V) 410K	795(H) x 596(V) 470K
Total/Effective Pixels	768(H) x 494(V) 380K	752(H) x 582(V) 440K
Horizontal Resolution	550 TV Lines	
Video Output	1.0V p-p (75Ω Composite)	
S/N Ratio	More than 50dB (AGC Off)	
Lens	DC Iris Vari-focal Lens (f=3.8~9.5mm)	
Digital Zoom	2x (On/Off, Dip Switch)	
Min. Illumination	Day (0.3 LUX), Night (0.001, ICR&DSS)	
Day&Night (ICR)	On/Off (Dip Switch)	
SDNR	Built-in	
DS	On/Off (Dip Switch)	
White Balance	Auto	
AGC,BLC,Flickerless	On/Off (Dip Switch)	
Shutter Speed	1/60~1/120,000 Sec	1/50~1/120,000 Sec
Supplied Voltage	DC 12V	
Power Consumption	Max. 1.8W / 150mA	
Heater (Optional)	Operation Temperature : Under 10C	
Dimensions	Surface : 100.0 x 124.5mm Flush : 100.0 x 111.0mm	
Weight	Approx. 1210g	

Features

- 1/3 inch Sony Super HAD CCD
- High Resolution : 550 TV Lines
- Built in DC Iris Vari-focal Lens (f=3.8~ 9.5 mm)
- True Day & Night (ICR), 2x Digital Zoom (On/Off)
- Electronic Sensitivity-up (DSS On/Off)
- SDNR (Super Digital Noise Reduction)
- Auto White Balance
- AGC, BLC, Flickerless (On/ Off)
- Min : Day (0.3Lux), Night (0.001Lux, ICR&DSS)
- Extra Video Out Port for Installer
- 3-Axis Camera Construction
- Vandal-proof Dome Housing
- Dome Size : 100mm
- Heater Optional
- Installed by Flush or Surface Mount



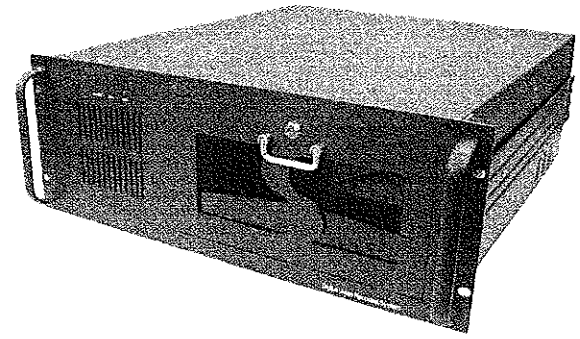
EYE3 PC Based DVR Series



Eye3Data, Inc. offers advanced digital security solution with a recording and display rate ranging from 30 frames per second (fps) to 480 fps across 4, 8 or 16 channels. Depending on customer requirements, EYE3 products can be configured to leverage either MPEG4 compression rate, to maximize efficiency and use of the system. EYE3 is a multifaceted product that is scaleable and integrates with many other industry standard products. The EYE3 series of products come standard with software to remotely view and configure your cameras. Adjustable MPEG4 compression ensures that video images are stored using minimum disk capacity and allows recovery of all images from compression with minimum loss of quality.

Product Features

- Industry Standard MPEG4 Technology
- Upto 30 Frames per Second for Recording And Viewing
- Upto 4 Channels Audio Recording- 2 Way audio with Remote
- Multi-Camera Playback (Search) in DVR and Remote
- Easy Access PTZ Controller per Channel & User Defined Touring
- Encrypted/Watermarked Recordings with Digital Signature
- Multi-Remote Site Support
- Adjustable Recording Rates for Time Lapse & Motion Detected Modes
- Highest Capacity on line storage
- Digital Zoom and Playback
- Multi-Level Password Protection
- Export Video Clip in AVI format with Audio
- Auto Launch of Video on Specified Alarm Events
- Variable frame Rates for each Camera
- Automatic E-mail or Paging on Events



RECORDER / PLAYBACK FEATURES

- Record and Playback Speed...Up to 30fps per camera
(play back recorded speed)
- Image Compression Size.....360x240=1-5KB
720x240=2-10KB
720x480=3-15KB
- Cameras Recorded Locally/Remotely.....1-16 (selectable and simultaneous)
- Cameras Played-Back Locally/Remotely...1-16 (selectable and simultaneous)
- Recording Modes.....Motion Triggered (Timed Scheduled)
Continuous Record (Timed or Manual)
Sensor Triggered
Combinations of Motion and Alarm
Monitor Mode Only (watch mode - no record)
Priority Motion/Sensor

REMOTE ACCESS SPECIFICATIONS

REMOTE PC REQUIREMENTS

- Processor..... Intel Pentium 3, Pentium 4 with 800MHz minimum processor speed
- Memory..... 128MB RAM
- Video..... AGP VGA card with minimum 64MB video RAM, 1024x768, 32 bit display resolution
- Monitor..... SVGA or SGA with 1024x768 resolution
- OS..... Windows 2000 (SP4) or Windows XP, DirectX 8.1 or better, 500MB free disc space

REMOTE CAMERA VIEWING

- Camera Views..... (selectable) 1,4,6,9,10,16 available screen split
- Resolution..... (selectable) 320x240, 720x240, 720x480 (selectable per camera)
- Compression Format.....MPEG-4
- Communication... (selectable) TCP/IP: LAN, WAN, Internet or Dial-up, POTS/ISDN
- Player (search).... Multi-camera playback

MULTI-REMOTE ACCESS

- Server Access..... Up to 16 Servers per Single Session

SERVER SPECIFICATIONS

SYSTEM CONFIGURATION

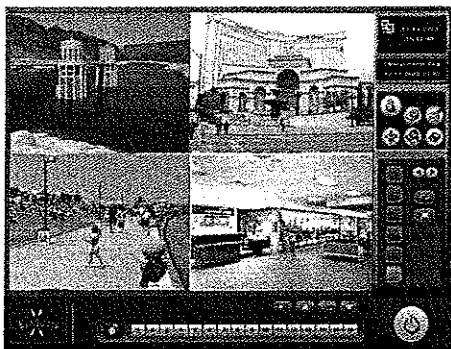
Processor.....Upto 3.0 GHz P4
 RAM.....Upto 512 MB DDR2
 Audio.....On board sound
 (6.1 surround sound)
 Standard Storage.....200 GB Hard-drive capacity
 (optional up to 3.5TB)
 Archived Storage.....CD/RW (standard)
 (optional) 4.7GB DVD R/RW (optional)
 Communications.....10 MB/1.0 GB Ethernet Card
 (optional 56K modem)
 Signal System.....NTSC/PAL
 OS.....Windows XP Pro
 Input Voltage.....100-240-VAC
 Hardware Watch Dog.....User selectable

SERVER CONFIGURATION

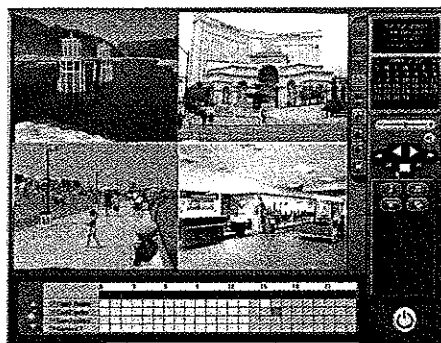
Camera Inputs (Analog).....Upto 16 input depends on your configuration
 Camera Inputs (Digital).....Upto 16 input depends on your configuration
 VGA Video.....64 DDR Dual Monitor Video Card,
 (optional 128MB DDR2) (single, clone, desktop, extended, TV out)
 VGA- Dual screen output: (1) VGA,
 (1) DVI/VGA composite, (1) VGA simulation,
 (1)VGA - 1 screen output , (1) single picture
 switching composite - 1 switching output
 Audio.....Upto 16 input depends on your configuration
 remote 2-way audio support
 Screen Split.....1,4,9,16 screen split
 System Frame Rate.....Upto 480 Live \ Display Total Frames/Sec/System
 Adjustable Frame Rate.....1-30 fps per camera
 Recording Resolution.....(NTSC/PAL) 640x480, 640x240, 320 x 240
 (selectable per camera)
 Adjustable Compression.....MPEG4
 PTZ Control.....RS-422/485 Interface
 Alarm Inputs / Outputs.....Up to 16 contact dry closure inputs and
 4 relay outputs

Model Number	ECC-430	ECC-1630	ECC-1660	ECC-16120	ECC-16240	ECO-4120	ECC-16120	ECO-16240	ECO-16480
Camera Input	4	16	16	16	16	4	16	16	16
Audio Input	4	4	4	4	8	4	4	8	16
Display Speed	Upto 30fps	Upto 30fps	Upto 60fps	Upto 120fps	Upto 240fps	Upto 120fps	Upto 120fps	Upto 240fps	Upto 480fps
Recording Speed	Upto 30fps	Upto 30fps	Upto 60fps	Upto 120fps	Upto 240fps	Upto 120fps	Upto 480fps	Upto 480fps	Upto 480fps
Sensor / Relay	16/4 or 16/16	16/4 or 16/16	16/4 or 16/16	16/4 or 16/16	16/4 or 16/16	16/4 or 16/16	16/4 or 16/16	16/4 or 16/16	16/4 or 16/16

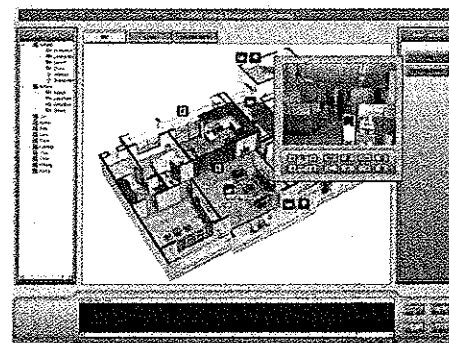
DVR Main Screen



DVR Search Screen

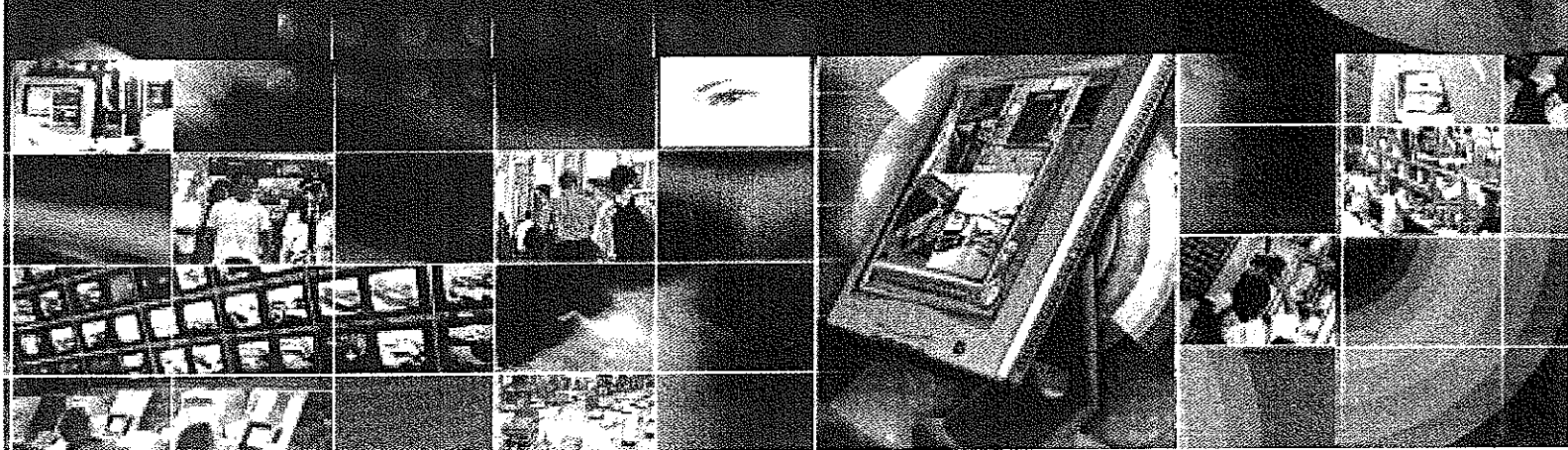


Central Management System



Contact Information:
 Eye3Data Inc.
 7560 Central Park Boulevard
 Mason, Ohio 45040
 Phone: 1(877) 237-3100
 Fax: 1(513) 770-0176

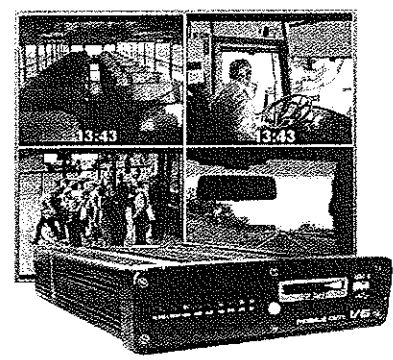
EYE3 Mobile DVR



Eye3Data offers Mobile DVR (MDVR), a 4-camera 120 fps (real-time) Digital Video and Audio Recorder system specially designed for Automobiles, Trucks, Trains and Buses. Housed in a small but rugged, vibration and shock resistant case, our MDVR is an excellent choice for vehicle security and surveillance applications where portability is a factor. The ability to connect from 1 to 4 cameras and display and record at full 30 fps per camera with MPEG4 compression, makes the EYE3 MDVR a powerful and high performance DVR in its own right. In addition, the EYE3 MDVR comes packed with many other features, such as 4 Channels of Audio recording, double shock and vibration protection, LAN/Internet connectivity, optional Integrated Passive GPS, USB port allows laptop connections to download & upload data, vehicle status and speed display and recording. The EYE3 MDVR from a feature, functionality, reliability and price perspective stands out as the leading Mobile DVR in the market place.

Product Features

- Industry Standard MPEG4 Technology
- User Friendly Graphical Interface
- Upto 30 Frames per Second for Recording and Viewing
- Upto 4 Channels Audio Recording
- Alarm In/Out - 9 "Alarm In" connections allow specific cameras to be put into record mode on receipt of an "Alarm In" signal.
- Multiple Recording Methods per Camera
- Low Power consumption (1.5-2 Amps)
- Powerful Remote Control, Video Export
- Flexible Mounting Assembly for permanent connection
- Vehicle Status Sensor (Brake, Turning, Hazard and Reverse Signal)
- 2 Video output channels for live & recorded video viewing
- Recording Playback - User can view by Date, Time and Alarm State
- PTZ Camera Control via RS485/RS232 convertor
- Anti-Vibration and Shock
- Quick release removable recording module
- GPS Interface (Option)



REMOTE ACCESS SPECIFICATIONS

REMOTE PC REQUIREMENTS

- Processor..... Intel Pentium 3, Pentium 4 with 800MHz minimum processor speed
- Memory..... 128MB RAM
- Video..... AGP VGA card with minimum 64MB video RAM, 1024x768, 32 bit display resolution
- Monitor..... SVGA or SGA with 1024x768 resolution
- OS..... Windows 2000 (SP4) or Windows XP, DirectX 8.1 or better, 500MB free disc space

FEATURES

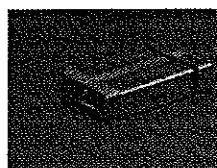
- Camera Views..... (selectable) 1 and 4 available screen split
- Multiple Users support
- IE Interface
- Remote Real-time Monitoring
- Remote Setup & System Management
- Remote Search for Rec. Data
- Remote Control of PTZ



Technical Specification

System Configuration:

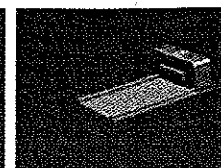
OSLinux
 Operation Interface.....Hand-held, IR controller with On-Screen Display (OSD) for all operations of the MDVR
 Storage (GB).....40, 60, 80, and 100 (2.5-in. mobile anti-vibration and shock resistance HDD support)
 Signal System.....NTSC/PAL
 Input Voltage.....12-volt DC or 24-volt DC (can range from 7v ~ 28v DC)
 Power Supply.....1.5 ~ 2 Amps
 Weight.....5lb (2268 g)



Front View



Rear View



Mounting Assembly / Recording Module Removed

Assembled Chassis Details	
Height.....	49 mm 1.9 in
Width.....	179 mm 7 in
Depth.....	245 mm 9.7 in
Weight.....	2268 g 5 lb
Recording Module (Removable Component)	
Height.....	46 mm 1.8 in
Width.....	179 mm 7.1 in
Depth.....	176 mm 6.9 in
Recording Module Removal Clearance.....	165 mm (6.5 in)
Installation Clearance (except base).....	100 mm (4 in)

VIDEO:

Camera Input.....up to 4 cameras
 Output.....2 Analog and 1 VGA
 Display.....4 Video Windows Screen
 Image Quality.....8 - Level Adjustable
 Speed/Playback speed.....x2, x4, x1/2, x1/4
 Stream Standard.....ISO1449
 Record Resolutio.....CIF (352x288 pixels), HD1 (704x288 pixels)
 Image Compression.....12.5K-112.5KB/s, 25K-150KB/s
 Max FPS.....120 fps/system, 30 fps/channel (CIF), 15 fps/channel (HD1)
 Display Res.....TV monitor 704x576 pixels, VGA output 720x576 pixels

AUDIO:

Audio Input.....4
 Audio Output.....1

ALARM:

Input.....Up to 9 sensor inputs
 Multi-mode.....Auto-reset after power-break, auto-alarm when missing signal input.

NETWORK INTERFACE:

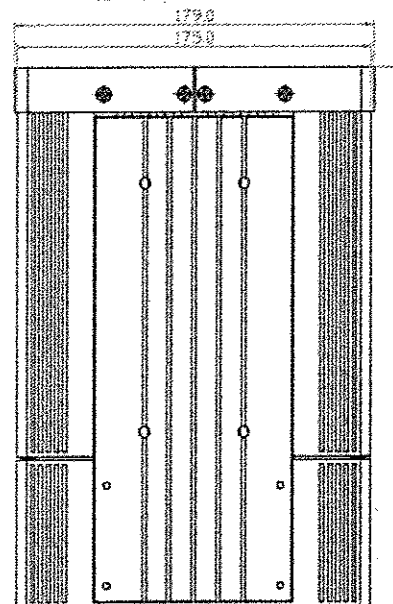
Serial Interface.....RS485, RS232
 Network interface.....RJ-45 10M / 100M Ethernet connector
 Network Transport Protocol TCP / IP

OTHERS:

External Notebook.....PC HDD Bay -1 IDE HDD, FAT32 format,
 Storage mode.....3.5" HDD
 Time Clock.....Built-in clock, Perpetual calendar
 Data R/W mode.....FIFO
 Operating Temp.....-20°F (-28°C) - 140°F (60°C)
 Humidity.....<80%
 USB.....Connection to PC for Video Download

APPROVALS:

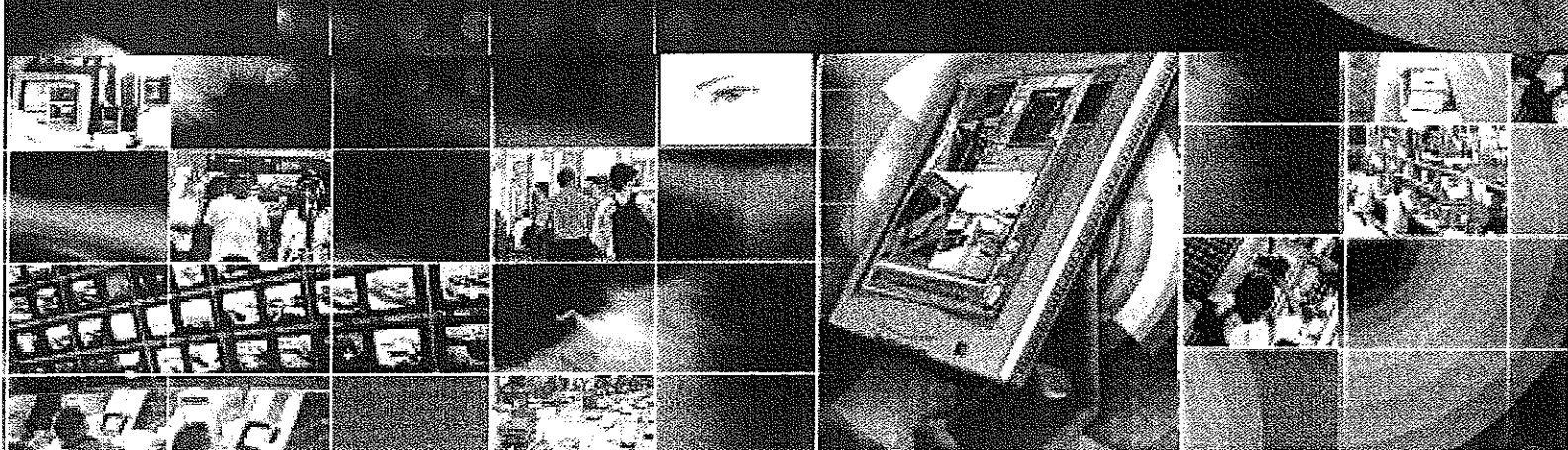
CCC + CE
 Independent vibration tested



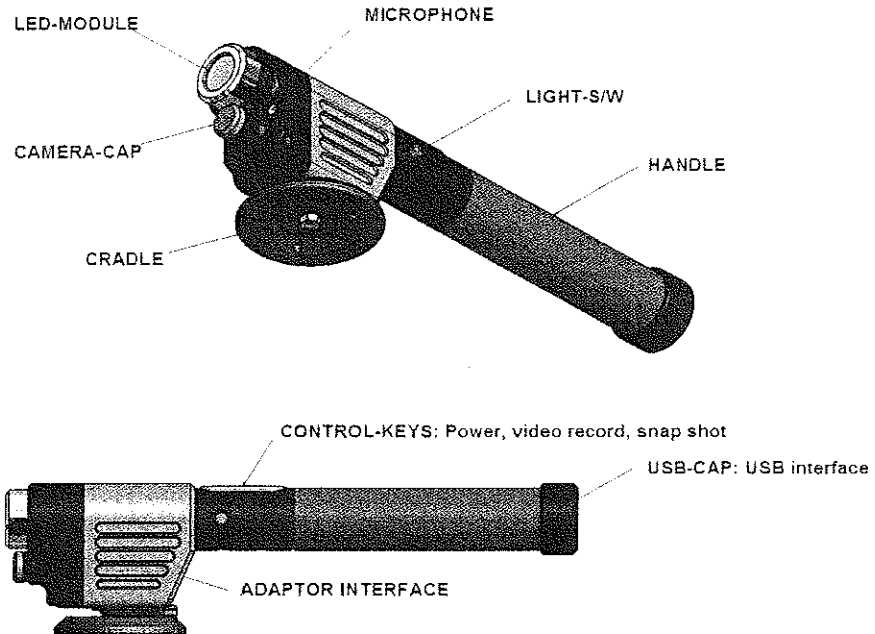
MODELS			
MODEL NUMBER	CAMERA INPUTS	SCREEN SPLIT	HDD SPACE
BASE MODELS			
E3D-XMDVR-4-40	4	1,4	40GB
E3D-XMDVR-4-60	4	1,4	60GB
E3D-XMDVR-4-80	4	1,4	80GB
E3D-XMDVR-4-100	4	1,4	100GB
E3D-XMDVR-4-20U	4	1,4	20GB (Ultra HD)
GPS MODELS			
E3D-XMDVR-4-40-GPS	4	1,4	40GB
E3D-XMDVR-4-60-GPS	4	1,4	60GB
E3D-XMDVR-4-80-GPS	4	1,4	80GB
E3D-XMDVR-4-100-GPS	4	1,4	100GB
E3D-XMDVR-4-20U-GPS	4	1,4	20GB (Ultra HD)

OPTIONAL ACCESSORIES	
MODEL	DESCRIPTION
E3D-XMDVR-MDS-4	Extra DVR Docking Station for reading additional vehicles for Mobile DVR.
E3D-XMDVR-MDS-GPS	Extra DVR Docking Station with GPS for reading additional vehicles for Mobile DVR.
E3D-XMDVR-HHC	Extra Remote Handheld Controller
E3D-XMDVR-DCP	DASH CONTROL PANEL NON-LCD
E3D-XMDVR-WIFI	BUILT-IN WIFI 802.11g MODULE
E3D-XMDVR-INSEN	INERTIA SENSOR (G FORCE SENSOR)

EYE3-Flash All-in-one Portable DVR



Eye3-Flash redefines the concept of portable digital video surveillance by combining Flashlight, Camera, Audio and DVR (Digital Video Recorder) function into one integrated device. Combining the latest MPEG-4 compression and embedded Linux operating system, Eye3-Flash provides unsurpassed reliability, high quality image, a set of well balanced features, at an extremely economical price. Product Can be used i Police, Security Companies, Construction Companies, Insurance Industry, Hotel Industry, Transportation Industry, Government facilities including Military etc. and Schools and Hospitals.



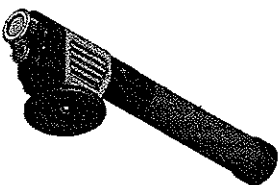
Product Features

- New generation of 'truly' portable DVR (flashlight, camera and DVR functions into one)
- No need to carry flashlight and recording device separately
- High quality standard video
- 1/3" Super HAD, 410K pixels, 0.2Lux (F1.2), auto BLC and more
- 1 channel MPEG-4 Linux-based system
- Water resistance
- Uses 2,200mAh (2) cylinder type rechargeable Li-ion batteries
- Supports mountable cradle
- High powered white LED flashlight (3 Watts)
- New compact design using precision tooled aluminum housing
- Adjustable recording resolution (320 x 240 or 160 x 120)
- Up to 15fps recording
- 1 channel audio input to recording
- Can be used during day and night
- Supports snapshot and continuous recording
- Playback, rewind & fast forward (using 'bar'), pause, capture and more (using FCMS) and more

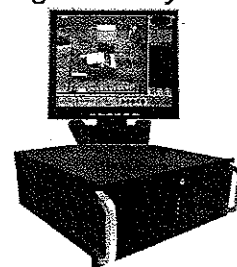
Technical Specification

Video / Camera	CCD Camera	1/3 inch Super HAD CCD
	Signal System	410 TV lines
	Resolution	320X240 or 160X120
	Sensitivity	0.2 LUX (F1.2)
	White Balance	Auto (BLC)
Body	Material	Aluminum
	Finish	Anodizing
	Water Resistant	
	Buttons	Power, Flashlight, Video Recording and Snap Shot
	Finish	Anodizing
Flashlight	Light Source	High Powered White LEDs (6000k)
Battery/Charger/Cradle	Battery	Built-in Li-ion Rechargeable battery (2200ma*2)
	Charger	3.7VDC Charging Cradle (free voltage (100-264 VAC, 60/50 Hz))
	Cradle	Mountable
Image Processing	Video Compression	MPEG-4
	O/S	Embedded Linux Kernel 2.4.20
	Recording Speed	Upto 15FPS
	Flash Memory Speed	512MB
Microphone	Type	Omni-direction condensor MIC
	Audio Compression	ADPCM
PC Interface		USB 1.1
FCMS: GUI browser software	Support O/S	Windows 2000/XP
		Playback/Pause/Stop
		Image Capture/Back-up/Email
		Print
		Other controls (password changes and more)

Industry Applications



EFMS Eye3-Flash Management System



Industry Applications		
Law Enforcement	Security/Guard Patrol	Insurance Adjustors
Government	Airport Security	Schools
Hotels	Hospitals	Constructions

Contact Information:
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