

WatchNET[®]

Integrated Digital Technologies



2012 Catalogue



HD Ready



www.watchnetdvr.com



Message from the President

WatchNET is a leading manufacturer/supplier of quality video and surveillance equipment. Since our founding in 2000, we have been providing highly developed, competitively priced digital video solutions. With our dedication to quality and attentive customer service, **WatchNET** has excelled in developing cutting-edge products that take conventional security to a new level.

WatchNET is a global company with locations in Canada, the US, India and UAE. With ongoing expansion in the US and UAE, **WatchNET** now has more than 30,000 square feet of stocked and functional office facilities. Coupled with numerous partnerships across the globe, **WatchNET** has become a truly international solution provider.

New to **WatchNET** product offering is Access control system . Years of research and development and market study enabled **WatchNET** to bring access control that is truly outstanding and capable of single door system to enterprise level security. Keeping the complex security needs in mind video and intrusion integration is offered with the access control.

For Year 2012 **WatchNET** offers various new technologically advanced products in DVR, NVR and Hybrid Video recording technology combined with the Smart cameras offering highest resolution available Analog / Network video recording.

WatchNET takes great pride in maintaining a team-based work environment. Our clients are drawn to us, not because of our commitment to delivering quality solutions as well as our superior customer service.

Having built our reputation on dedication to our clients, **WatchNET** remains committed to customer satisfaction. At **WatchNET**, we understand that quality products and reliable service and support are the exact ingredients for success in a competitive security market. With this in mind, we at **WatchNET** strive to conduct our business with integrity as we continue to deliver the quality of product and support that has been our recipe for success.

WatchNET has a great bond with all our customers. In fact, I would go as far to say a **WatchNET** client is much more than a customer, but also a friend!

Alex Thomas
President & CEO

DVR Systems

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HI Definition video recording & management software with built-in Intelligence & Video Analytics

NETFLOW by WATCHNET High definition video recording and management software is designed for easy deployment from small to multi site application with unlimited expansion possibilities. Built in instant analytics and reporting results in stand alone operation with minimum human intervention.

- True TRIBRID management platform for Analog, IP and SDI video cameras
- Over 60 global IP camera brands and 1300 models are supported with easy auto configuration camera wizard
- Six embedded video analytics functions that can trigger multiple instant responses for reduced investigation times
- Variable-Dual Stream Management (VDSM) technology delivers smooth video over network with bandwidth restrictions
- Integration with 3rd party applications for POS (Point of sale) and LPR (License plate recognition)
- Full server control over network for viewing, playback and configuration
- Mobile application for all major mobile and smart phones
- Powerful Central Management System (CMS), ultimate central video monitoring solution for scalable enterprise level projects and multi site management
- E map and multi monitor support for easy control room settings





Supports more than 60 global brands & over 1300 models

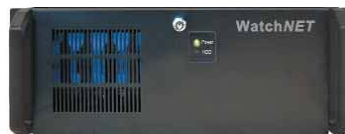


WATCHNET SERVERS

Netflow by Watchnet offers three different Server types to suit single site to multi building enterprise level deployment.

These servers have enterprise class reliability with optional RAID 5 hard drive configuration and high output optional redundant power supplies. Removable HDD bays allow easy expansion and easy replacement and standard 19" rackmount.

Up to 12 TB recording capacity within and optional HDD expansion unit allows for long term storage solution of high resolution images.



NDVR-X-Server

WatchNET X (Extreme) Server*

- Preloaded with Netflow High Definition Video analytics and management software this server is ready to be deployed
- Scalable TRIBRID recording solution that can record up to 64 Channels in Analog, IP, Megapixel or HD SDI cameras
- Four gigabit Ethernet ports allows effective management of bandwidth
- RAID 5 Drive configuration (Optional)
- 4U Rack mount case with removable Drive bays
- USB 3 and E SATA expansion ports
- DVD Writer for easy video backup and restore
- Support real time (30FPS) image recording and streaming

NDVR-I-Server

WatchNET I (Industrial) Server*

- Preloaded with Netflow High Definition Video analytics and management software this server is ready to be deployed
- Records up to 32 Channels in Analog, IP or Megapixel cameras
- Dual gigabit Ethernet ports
- 4U Rack mount case with removable Drive bays
- USB 3 and E SATA expansion ports
- DVD Writer for easy video backup and restore
- Support real time (30FPS) image recording and streaming

NDVR-C-Server

WatchNET C (Commercial) Server*

- Preloaded with Netflow High Definition Video analytics and management software this server is ready to be deployed
- Records up to 16 Channels in Analog, IP or Four Megapixel cameras
- Dual gigabit Ethernet ports
- 4U Rack mount case holds 8 HDDs and DVD backup
- USB 3 and E SATA expansion ports
- Support real time (30FPS) image recording and streaming

1 Choose NDVR Server

NDVR Servers Servers

- NDVR-C-Server
- NDVR-I-Server
- NDVR-X-Server

2 Choose Analog Channels

Analog Channels H.264 Hardware Cards

- NFHC-XX (XX represents analog channels can be added in multiples of 4)
- Example: NFHC-08 (8 analog channels)

3 Add NDVR License

NDVR License Camera License

- NFMX-XX (XX represents IP channels can be added in multiples of 4)
- Example: NFMX-08 (8 IP channels)

*Number of IP cameras may vary according to the bandwidth available. License required for IP camera recording.

To order Netflow servers choose item 1 + 2 + 3 as separate part numbers and mention **build as system** on PO.

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WatchNET Providing Security Solutions Since 2000

Analog, IP, MegaPixel and HD SDI Integration Platform



Full HD
1080

HD SDI

ONVIF

MULTI SITE CMS SOFTWARE & VIRTUAL MATRIX

- Support Megapixel cameras, IP cameras & video servers
- PTZ action presets & remote operations
- Digital PTZ & Multi-dynamics viewer
- Multi Monitor Display
- Smart detection of different events
- Audio visual event notification
- I/O Devices Integration
- Multifunctional playback system with instant search
- Compatible with keyboard/joystick
- User Friendly Graphic Interface (GUI)
- Multi layer eMap
- Redundant Network Recording

Watchnet NDVR Main Features

- Interactive 3 Monitor Support
- View & Search Simultaneously
- Divide Cameras Between Monitors
- Live Digital Zoom
- Virtual Matrix
- CMS Notification
- 24 hour quick player
- Multiple Recording Modes
- Alarm Pop-up / E Map
- PTZ Control



All MPIX, IP & Megapixel cameras supported

WatchNET E-NVR IP Licenses

One license per camera is required
Sold in multiple of four
with upgradable USB dongle

WTE-IP04, IP08, IP16

WatchNET e Products



WatchNET E is the new platform that brings video recording and monitoring to next level. Clients can integrate Embedded DVRs, Video servers, IP cameras, MegaPixel cameras, HD SDI Cameras all in to a single recording and play back software. Remote viewing is supported by powerful CMS and Web viewing functions are standard with added Mobile phone support. POS and Access control systems can be added for easy integration (License may be required)

FEATURES / FUNCTIONS

- Built on Microsoft Embedded XP platform
- Commercial / Industrial grade components
- Various recording Modes (MD, ALARM, Normal, etc)
- Built in WEB server and Mobile viewing software
- RS485 PTZ controller included
- Export Video to CD/DVD/HDD or NAS storage
- Snap shot and 24 hr Quick player function
- Unique magnifying glass view for snap shot
- Multi-function Keyboard with joystick control
- E map and alarm POP UP function
- Configurable Dual monitor display
- Video grouping and multi display modes
- Multi-site full function CMS included
- Zoom to point PTZ control
- E mail and SMS notification
- Full 3 years limited warranty

WTE-04SDI, WTE-08SDI, WTE-16SDI

WatchNET E HD-SDI DVR



Pre-built HD SDI recorder

- Built-in WindowsXP Platform
- 4, 8 or 16 SDI Input
- 1TB HDD Storage expandable to 16TB + DVDRW
- Hard Disk Upgrade Available
- Full HD1080P viewing & recording
- Built-in video analytics
- Ideal system to replace existing analog video with HD 2.2 Megapixel over RG59 cable

WTE-A8IP4 / WTE-A8IP4 / WTEA32IP4

WatchNET E Hybrid PC DVR



WTE-A8IP4 (Commercial Platform)

- Built-in WindowsXP Platform
- 8 Analog with 4 IP Inputs
- 1TB HDD Storage + DVDRW
- Hard Disk Upgrade Available

WTE-A16IP4 (Industrial Platform)

- Built-in WindowsXP Platform
- 16 Analog with 4 IP Inputs
- 1TB HDD Storage + DVDRW
- Hard Disk Upgrade Available

WTE-A32IP4 (Industrial Platform)

- Built-in WindowsXP Platform
- 32 Analog with 4 IP Inputs
- 2TB HDD Storage + DVDRW
- Hard Disk Upgrade Available

WTE-A16D / WTE-A32D / WTEA64D

Hardware Compression Analog DVR



WTE-A16D (Commercial Platform)

- Built-in WindowsXP Platform
- 16 Channel Analog
- 1TB HDD Storage + DVDRW
- Hard Disk Upgrade Available

WTE-A32D (Commercial Platform)

- Built-in WindowsXP Platform
- 32 Channel Analog
- 1TB HDD Storage + DVDRW
- Hard Disk Upgrade Available

WTE-A64D (Industrial Platform)

- Built-in WindowsXP Platform
- 64 Channel Analog
- 2TB HDD Storage + DVDRW
- Hard Disk Upgrade Available

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WatchNET Providing Security Solutions Since 2000

NDVR-C-Server

Classic Commercial DVRs



- C-12016HS-R / C-24016HS-R / C-48032HS-R**
- Built-in WindowsXP Platform
- 16/32 Channel 120fps / 240fps / 480fps Recording
- 1TB HDD Storage + DVDRW
- Hard Disk Upgrade Available
- C-12016HL-R / C-24016HL-R**
- Built-in WindowsXP Platform
- 16 Channel 120fps / 240fps Recording
- Live Real Time Viewing
- 1TB HDD Storage + DVDRW
- Hard Disk Upgrade Available
- C-48016EX-R / C-96032EX-R**
- Built-in WindowsXP Platform
- 16/32 Channel 480fps / 960fps Recording
- Live Real Time Viewing All Channels
- 2TB HDD Storage + DVDRW
- Hard Disk Upgrade Available

Extended model range available at:
www.watchnetdvr.com

NDVR-I-Server

Classic Industrial Servers



- I-48016EX-R**
- Built-in WindowsXP Platform
- Industrial Grade Components
- 16 Channel 480fps Recording
- Live Real Time Viewing All Channels
- 2TB HDD Storage + DVDRW
- Redundant OS / Dual Gigabit LAN
- 4 Channel IP Camera Upgradable
- Hard Disk Upgrade Available
- I-96032EX-R**
- Built-in WindowsXP Platform
- Industrial Grade Components
- 32 Channel 960fps Recording
- Live Real Time Viewing All Channels
- 2TB HDD Storage + DVDRW
- Redundant OS / Dual Gigabit LAN
- 4 Channel IP Camera Upgradable
- Hard Disk Upgrade Available

WatchNET Classic systems are made on robust embedded XP platform, 10 years for innovation makes Classic DVRs an all-time favorite with great dependability for flawless performance.

New software features include limited IP camera integration, HD SDI card integration and WIDE GUI for real 1080P 16:9 Format wide screen support.

Multi site manager provides full remote control and view over mobile phones. WatchNET Classic DVR's is recognized world wide and is used in major projects.



FEATURES / FUNCTIONS

- Various recording modes: Normal, Motion detection, alarm, etc.
- Intelligent search function like, Smart, Panoramic & Thumb nail
- Bookmark function & water mark
- Integrated with Access control & POS systems
- Alarm input & output functions
- Built-in RS485 PTZ controller
- 2 Channel audio recording standard
- 32 Channel multifunction GUI
- Huge range of accessories available
- Optional 16 channel audio recording
- Optional dual monitor matrix outputs
- Built in WEB server & Mobile phone support
- Email, Phone & Pop-up Notification
- Dual monitor support
- POS & Access control integration
- Scheduled backup function
- 3 year limited warranty

Storage Solutions



Storage solutions with scalable architecture & latest technology for commercial or enterprise level video security needs

WT-NVS-3016X

Network Video Storage



- IPSAN / NAS integration solutions
- Supports single disk, supports various data protection modes such as RAID0, RAID1, RAID5
- Suitable for all kinds of network surveillance project
- Supports Windows, Linux, Unix and other operating systems

WN-ESS04A

e-SATA Storage



- Developed exclusively for embedded DVR systems
- Compact air cooled 1.5U (4x2TB) 8TB e-SATA storage
- Comaptible with EL, E & EX-Series DVRs
- Up to 3GB/s high speed data transfer
- High input/output read/write capacity write >40MB/s, read >70MB/s
- Can work as stand alone storage device for PC based or embedded DVRs that support e-SATA extension
- Built-in multi storage protocols

WT-NVR-3016

Network Video Recorder



- Full-HD network video storage solution
- 16/24/32 Chnnel video recording
- Suitable for all kinds of network surveillance project
- Supports Windows, Linux, Unix and other operating systems



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WatchNET Providing Security Solutions Since 2000

EH Series Hybrid Standalone DVR Equal Analogue + IP Cameras

- WatchNET Hybrid DVRs are powered by dual core processors utilize the most advanced H.264 technology in compressing 1080p video / audio signal thru TCP/IP and analogue video
- High internal storage capacity up to 24TB and E-SATA expansion of 12TB (total 38TB max) makes these DVRs keep high definition recording for long time storage
- Compatible with 960H analogue video standard 700TVL
- Real Time D1 30fps recording on all analogue channels and IP channels support 4 channels of 1080p video or 8 channels 720p video or 16 channels D1 video encoding
- Powerful 64 channel multi site CMS software will support single or multi site installation for enterprise level security
- 3 Hybrid models are available to suit any CCTV installation
- Effio 960H Compatible 976(h) x 494(V) NTSC, 976(h) x 582(V) PAL

Hybrid 4 / 8 / 16 Channels



EH-16RTHD-1T, EH-08RTHD-1T, EH-04RTHD-1T

- Industrial Hi performance architecture
- eSata, HDMI, Gigabit LAN, VGA and RGB Outputs
- PTZ Support with **POINT TO ZOOM FUNCTION**
- D1 Recording all channels @30fps (700TVL)
- Dual Streaming / H.264 compression
- 16 IP Cameras, 16@D1, 8@720P, 4@1080P
- Video Output - 1X Composite video, 1X VGA, 1X HDMI, 1X Matrix
- Alarm triggering, OSD, siren, PTZ preset, e-mail, FTP upload
- Enhanced H.264 compression algorithm save HDD space & transmit at low bandwidth
- Max 24 TB internal storage + 12TB expansion



MAC OS Compatible



EN Series Network Video Recorder Supports 4 CH 1080P Video

- WatchNET Standalone NVRs are powered by dual core processors utilize the most advanced H.264 technology in compressing 1080p video / audio signal through TCP/IP
- High internal storage capacity up to 24TB and E-SATA expansion of 12TB (total 38TB max)
- NVRs can record 4ch 1080P or 8 ch 720P or 16ch D1 Video resolution
- All NVRs are equipped with GIGABIT LAN for smooth high bandwidth data transmission
- Powerful 64 channel multi site CMS software will support single or multi site installation for enterprise level security
- Dual streaming technology allows low bandwidth remote monitoring
- 3 NVR models are available to suit any CCTV installation

Network Video Recorder 4 / 8 / 16 Ch



EN-16RTHD-1T, EN-08RTHD-1T, EN-04RTHD-1T

- Dual Core CPU with super fast processing power
- Auto port forwarding (UPNP) for routers
- 4, 8, 16 channel simultaneous real time playback
- 16 IP Cameras, 16@D1, 8@720P, 4@1080P
- Video Output - 1X Composite video, 1X VGA, 1X HDMI, 1X Matrix
- Alarm triggering, OSD, siren, PTZ preset, e-mail, FTP upload
- Enhanced H.264 compression algorithm save HDD space & low bandwidth transmission



MAC OS Compatible



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960H Ultra High Resolution DVR



**NEW
2012
Model**

EX Series Ultra High Resolution 960H standalone DVRs 700TVL Real Time D1 recording all channels

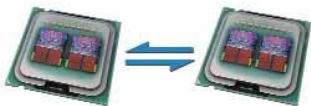


FC CE

EX-12004RTHR-1T / EX-24008RTHR-1T / EX-48016RTHR-1T

EX HR Series 4 / 8 / 16 Channels

- Dual Core CPU with super fast processing power
- Auto port forwarding (UPNP) for routers
- Industrial Hi performance with HDMI output and eSATA Port, PTZ Cameras **POINT TO ZOOM** up to 60 protocols supported
- 4, 8, 16 channel simultaneous real time playback
- Video Output - 1X Composite video, 1X VGA, 1X HDMI, 1X Matrix
- Alarm triggering, OSD, siren, PTZ preset, e-mail, FTP upload
- Enhanced H.264 compression algorithm save HDD space & low bandwidth



Powerful Dual Core Processor
Full HD Independent image upscaling feature

HDMI[®]
HIGH-DEFINITION MULTIMEDIA INTERFACE
eSATA Port

Effio 960H Compatible 976(h) x 494(V), 976(h) x 582(V)

- WatchNET HR Series DVRs bring new standard in analogue video recording.
- Powerful dual core processor and HD digital signal processors display and record crystal clear pictures of 700 TVL EFFIO video standard.
- True 30fps D1 recording on all channels will give high quality recorded video and built in dual streaming video technology will transmit flawless images over network for remote viewing.
- 3 models to choose from the HR series DVRs will be the ideal choice for most commercial and industrial applications.



64 Channel NVR Client
with IP & Megapixel camera integration included

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D1 Recording 30fps all channels all the time 4, 8, 16 and 32 channels DVRs in 1U, 1.5U and 2U models

WatchNET RT-D1 Series DVRs is the product of new generation video encoding technology supporting 760H video standard.

These DVRs will record D1 high resolution images, 30fps on all channels and supports 1080p HD displays.

Dual encoding streams makes transmission of images flawless over low bandwidth network conditions.

Wide range of models to choose from small form factor, 1U, 1.5U and 2U formats for small to large multi site installations.



- ✓ **SMART SEARCH**
- ✓ **UPNP (Auto Port Forwarding)**
- ✓ **LOG VIEW & PLAYBACK**

- ✓ **SELECTIVE HDD PER CAMERA RECORDING**
- ✓ **SYNCHRONIZED PLAYBACK**
- ✓ **D1 RECORDING 30fps ALL CHANNELS**

ES Series 4 / 8 / 16 Channels (1U)



ES-12004RTD1-500 / ES-24008RTD1-1T / ES-48016RTD1-1T

- Real Time recording on all channels
- SLIM Line Hi performance DVR with HDMI output
- 4, 8 and 16 channel simultaneous real time playback
- PTZ Cameras control for up to 60 protocols
- 3D mouse control for PTZ Cameras
- Alarm triggering, OSD, siren, PTZ preset, e-mail, FTP upload
- Dual encoding streams support, flexible for network transmission and mobile phone monitoring
- Support 2x 3 TB (Max 6TB)
- USB Backup

EL Series 4 / 8 / 16 Channels (1.5U)



EL-12004RTD1-500 / EL-24008RTD1-1T / EL-48016RTD1-1T

- Support 4x 3 TB HDD
- DDNS Support
- Schedule Recording
- USB Backup
- Real Time Display/Recording
- 4, 8 & 16 Channel Playback
- 64 Channel Multi-Site Client
- Built-In Web Server
- Enhanced H.264 Compression
- HDMI, VGA & RGB Outputs
- DVD Backup

E Series 4 / 8 / 16 / 32 Channels (2U)



E-12004RTD1-500 / E-24008RTD1-1T / E-48016RTD1-1T / E-96032RTD1-2T

- Hi performance DVR with HDMI & eSATA Port
- Enhanced H.264 compression algorithm save HDD space & low bandwidth
- Real time live display up to 32 cameras with 1080P high definition
- Alarm triggering, OSD, siren, PTZ preset, e-mail, FTP upload
- 4, 8 and 16 Channel simultaneous playback
- PTZ cameras up to 60 protocols supported
- Powerful 64 CH network software: built-in web server, multi-DVR client, mobile surveillance software for smart phone & CMS

Standalone CIF DVRs

FC CE UL



RTSH Series Standalone DVRs

30fps@CIF, Real Time Recording on all channels

Our **RTS** Series has been a strong **proven** line of Standalone DVR's in the marketplace.

They are not only **Powerful** but very **cost effective** to suit many of your day to day security needs.

These systems are not only flexible with their many customizable options but also fast with **full Real Time** recording.

HD CMS

WatchNET HD CMS is powerful management software provided with all standalone DVRs

- Support Megapixel cameras, IP cameras & video servers
- PTZ reaction presets & distance operations
- Digital PTZ & Multi-dynamics viewer
- Multi Monitor Display of 64 channels
- Smart detection of different events
- Audio visual event annunciation
- I/O Devices Integration
- Compatible with keyboard/joystick
- Most Friendly Graphic User Interface
- Multi layer E-Map
- Redundant Network Recording
- Remote search and configuration of DVRs
- Multifunctional playback system with instant search



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ES-12004RTS-KIT / ES-24008RTS-KIT / ES-48016RTS-KIT

ES Series 4 / 8 / 16 Channels (1U)



- Real Time recording on all channels
- SLIM Line Hi performance DVR with HDMI output
- 4, 8 and 16 channel simultaneous real time playback
- PTZ Cameras control for up to 60 protocols
- 3D mouse control for PTZ Cameras
- Alarm triggering, OSD, siren, PTZ preset, e-mail, FTP upload
- Dual encoding streams support, flexible for network transmission and mobile phone monitoring
- Max storage 3TB, USB Backup

EL-12004RTSH-KIT / EL-24008RTSH-KIT / EL-48016RTSH-KIT

EL Series 4 / 8 / 16 Channels (1.5U)



- Support 4x 2 TB HDD
- DDNS Support
- Schedule Recording
- USB Backup
- Real Time Display/Recording
- 4, 8 & 16 Channel Playback
- 64 Channel Multi-Site Client
- Built-In Web Server
- Enhanced H.264 Compression
- HDMI, VGA & RGB Outputs
- Max storage 9TB with DVD Backup

E-48016RTSH-KIT / E-96032RTSH-KIT

E Series 16 / 32 Channels (2U)



- Hi performance DVR with HDMI & eSATA Port
- Enhanced H.264 compression algorithm save HDD space & low bandwidth
- Real time live display up to 32 cameras with 1080P high definition
- Alarm triggering, OSD, siren, PTZ preset, e-mail, FTP upload
- 4, 8 and 16 Channel simultaneous playback
- PTZ cameras up to 60 protocols supported
- Max Storage 21TB with DVD Backup
- Optional eSATA expansion for 12TB Max
- USB / HDD Backup

WatchNET Providing Security Solutions Since 2000



EMB-12004RT-ATM-KIT



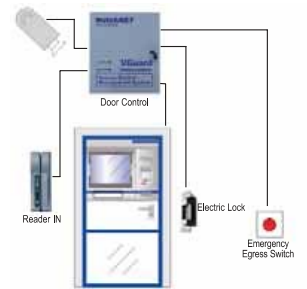
ED-12004ATM-KIT / ED-24008ATM-KIT

3G, WiFi, WAN Compatible

MAIN FEATURES:

- ❖ Watchnet ATM DVR is made for reducing fraud and vandalism.
- ❖ Discreet WDR pin hole cameras mounted on the ATM will capture the user image clearly and specially developed protocol will overlay the CARD Number, Transaction number, and Event Info on the image.
- ❖ The Card number can be searched locally or remotely under secured network environment.
- ❖ Watchnet ATM DVRs can transmit Video Signals via 3G, GSM, GPRS , WIFI or over secured LAN connection.
- ❖ Two models available to choose from Small cube format or Mini slim format to suit any size ATM Machines.
- ❖ Available Watchnet ATM Access controller will make ATM security complete.

ATM Access Control



WAC-1D2ATM

GPS Mobile DVR



M-DVR5000KIT



M-DVR1000KIT

- School bus
- Taxi cabs
- Transport trucks
- Rail ways
- Motor boats

Mobile Stand Alone DVRs

- Real time GPS Tracking/Viewing
- Optional WI-FI & 3G Cellular Video Networking
- H.264 Enhanced Compression
- SATA HDD up to 1TB
- Removable HDD with USB for Laptop connection
- Goggle map support
- Full event logging of every operation controlled by the MDVR
- Multiple alarm inputs with selectable pre-alarm & post-alarm recording
- 8 Channel MDVR available

Mobile DVR Accessories



Optional Accessories



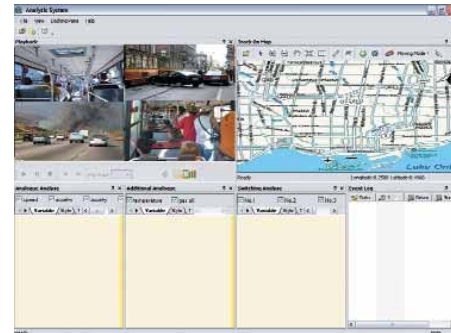
CCD Monitor



M-Control PAN



HDD Bay



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WatchNET Providing Security Solutions Since 2000

WatchNET XHR is the new bench mark in analog CCTV Cameras.

Specially developed **XHR** DSP and SONY 960H CCD delivers Ultra high resolution images 700 TVL that is close to megapixel quality with smart functions to make this camera truly outstanding.

WatchNET 960H compatible DVRs and **XHR** cameras will deliver the amazing picture quality day or night that will set standards for analog CCTV. SONY Effio Compatible 976(h) x 494(V) NTSC, 976(h) x 582(V) PAL.

- ❖ Adaptive Contrast Enhancement (ACE) view clear images with variable lighting conditions
- ❖ A3D-DNR (Advanced 3D - Digital noise reduction with no ghost effect)
- ❖ Selective four colour settings (Normal, Cool, Warm and Vivid)
- ❖ **SENSEFIER III** Low light enhancement technology
- ❖ EIS (Electronic Image Stabilization) This function keeps the image stable refuse unwanted recordings on DVR
- ❖ Vandalism and Camera masking detection
- ❖ Privacy Zone masking with variable shapes, colour and transparency
- ❖ Wide Dynamic Range (WDR) - Model specific

XHR 960H-DV / XHR 960H-DV-IR



- Sony 1/3" 960H Exview HAD II CCD
- Interior dome camera, 2.8mm ~ 12mm Lens
- 0.000001Lux (Sens-Up*256x) Illumination
- Varifocal IR cut auto iris lens
- 90° Viewing Tri-Axis Mount
- Auto AWB / Auto BLC
- DC 12V/24AC dual voltage
- 28 IR LEDES (Smart IR)

XHR 960H-VDV / XHR 960H-VDV-IR



- Sony 1/3" 960H Exview HAD II CCD
- Vandal proof IP66 dome camera
- 0.000001Lux (Sens-Up*256x) Illumination
- Varifocal IR cut auto iris lens
- 90° Viewing Tri-Axis Mount
- Auto AWB / Auto BLC, 2.8mm ~ 12mm Lens
- DC 12V/24AC dual voltage
- 28 IR LEDES (Smart IR)

XHR 960H-BIMR / XHR 960H-BILR



- Sony 1/3" 960H Exview HAD II CCD
- Bullet style IP66 weather proof housing
- 0.000001Lux (Sens-Up*256x) Illumination
- Varifocal IR cut auto iris lens
- 90° Viewing Tri-Axis Mount
- Auto AWB / Auto BLC, 3.5mm ~ 16mm Lens
- DC 12V/24AC dual voltage
- 42 IR LEDES (Smart IR)

XHR 960H-SBC*



*Lens not included

- Sony 1/3" 960H Exview HAD II CCD
- True Day & Night with ICR
- Full menu control by OSD
- 0.000001Lux (Sens-Up*256x) Illumination
- Varifocal IR cut auto iris lens
- Auto AWB / Auto BLC
- DC 12V/24AC dual voltage
- 3D DNR (Digital Noise Rediction)

WDR Cameras available with SONY 1/3" 960H Double scan HAD II CCD

XDD III Cameras



XDD III - DV-B / DV-W
XDD III - VDV-B / VDV-W

Low luminance Dome Cameras



*Available in dark grey

- Sony 1/3" Super HAD CCD
- Next Generation DNR
- 0.00001Lux (Sens-Up*256x)
- Varifocal IR cut auto iris lens
- Vandal Proof IP66 Outdoor dome (VDV)
- Auto AWB / Auto BLC
- Digital WDR by Pixel Control
- Flush / surface mount design
- Privacy Masking of 8 areas
- Easy OSD Controlled Menu
- 2.8 mm ~ 12 mm fish eye/tele lens



1. Normal 2. D-WDR

XDD III - DV-IR-B / DV-IR-W
XDD III - VDV-IR-B / VDV-IR-W

Day & Night Smart IR Dome Cameras



*Available in dark grey

- Sony 1/3" Super HAD CCD
- Next Generation DNR
- IR LED NORMAL:0.00001Lux (DV)
- IR LED ON:0.00006Lux (Sens-Up*256x)(VDV)
- Varifocal IR cut auto iris lens
- Vandal Proof IP66 Outdoor dome (VDV)
- Auto AWB / Auto BLC
- Digital WDR by Pixel Control
- Smart Auto Dimming IR Technology
- Privacy Masking of 8 areas
- Easy OSD Controlled Menu
- 2.8 mm to 12 mm fish eye/tele lens



1. Normal 2. D-WDR 1. Normal IR 2. Smart IR

XDD III - BIMR / XDD III - BILR

Medium / Long Range IR Camera



- 600 TV Lines Horizontal Resolution
- Sony 1/3" Super HAD II CCD
- Next Generation 3D DNR
- Max.Sense-UP (x258)
- DC Auto iris Vari-focal lens
- True Day/Night Capability
- 3.5mm ~ 16mm Lens(BIMR)/ 5mm ~ 50mm Lens (BILR)
- IP 66 Weather Proof Housing
- 3D DNR (Digital Noise Reduction)
- **SENSEIFIER III** low light enhancement



XDD III - SBC

Hi Resolution Day / Night Box



*Lens not included

- 600 TV Lines Horizontal Resolution
- 1/3" Sony Super HAD II CCD
- Digital Wide Dynamic Range
- Digital Noise Reduction
- 0.0001Lux F.1.2 (Sens-up*258X)
- On/Off (4 Zone, Alarm Output)
- Privacy - On/Off (8 Zone)
- Auto Iris Lens Supported
- **SENSEIFIER III** low light enhancement
- *Lens not included



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For PAL Cameras please add (-P) to the part number.

WatchNET Providing Security Solutions Since 2000

WatchNET Serial digital interface (SDI) High Definition 1080p full HD Security cameras are latest technology in CCTV industry, Digital High definition picture over Coax is ideal to convert the current analog camera system to full HD Digital picture for recording on SD HDI compatible DVRs.

- Progressive scan CCD 1920(H) X 1080(V) for capturing high quality video with less noise and delay
- Adaptive Color and Contrast Enhancement (ACCE) view clear images with variable lighting conditions
- A3D-DNR (Advanced 3D - Digital noise reduction with no ghost effect)
- EIS (Electronic Image Stabilization) This function keeps the image stable refuse unwanted recordings on DVR
- Dynamic video enhancement improves the clarity of images taken in poor conditions
- High Back light compensation effective for identifying vehicle license plate



WTE-04SDI, WTE-08SDI, WTE-16SDI

WatchNET 16CH SDI Server

- Preloaded with Watchnet E HD SDI Recording software this server is ready to be deployed
- Records up to 16 Channels of HD SDI Megapixel cameras
- Dual gigabit Ethernet ports
- 4U Rack mount case with removable drive bays
- USB 3 and E SATA expansion ports
- DVD Writer for easy video backup and restore
- Support real time (30FPS) image recording and streaming



ESDI 04 KIT

ESDI 4 CH Embedded DVR

- Dual Core CPU with super fast processing power
- Auto port forwarding (UPNP) for routers
- 4 channel simultaneous real time playback
- 4 cameras @1080PHD Recording
- Video Output - 1X Composite video, 1X VGA, 1X HDMI, 1X Matrix
- Alarm triggering, OSD, siren, PTZ preset, e-mail, FTP upload
- Enhanced H.264 compression algorithm save HDD space & low bandwidth

XHD-DV / XHD-DV-IR



*Model specific

Megapixel - HD-SDI Indoor Camera

- 1/3" 2.1 Megapixel CMOS 1080P@30fps
- DNR(Digital Noise Reduction)
- ACCE(Adaptive Color & Contrast Enhancement)
- True Day/Night with ICR*
- IR LEDs ø 5 *28pcs
- Full OSD Operation 3-Axis mount
- 0.000001Lux(IR LED On)
- DC 12V(AC 24V / DC 12V)-Option
- Selective four colour settings (Normal, Cool, Warm, Vivid)
- **SENSEIFIER III** Low light enhancement technology

XHD-VDV / XHD-VDV-IR*



*Model specific

Megapixel - HD-SDI Vandal Dome

- 1/3" 2.1 Megapixel CMOS 1080P@30fps
- DNR(Digital Noise Reduction)
- ACCE(Adaptive Color & Contrast Enhancement)
- True Day/Night with ICR*
- IR LEDs ø 5 *28pcs
- Full OSD Operation 3-Axis mount
- 0.000001Lux(IR LED On)
- DC 12V(AC 24V / DC 12V)-Option
- Selective four colour settings (Normal, Cool, Warm, Vivid)
- **SENSEIFIER III** Low light enhancement technology

XHD-BIMR / XHD-BILR / XHD-SBC



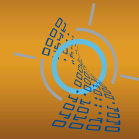
*Lens not included
Model specific

Megapixel - HD-SDI Bullet / Box

- 1/3" 2.1 Megapixel CMOS 1080P@30fps
- DNR(Digital Noise Reduction)
- ACCE(Adaptive Color & Contrast Enhancement)
- True Day/Night with ICR*
- Full OSD Operation 3-Axis mount
- 0.000001Lux(IR LED On)BIMR/BILR only
- DC 12V(AC 24V / DC 12V)-Option
- 42 IR LEDs (Smart IR)BIMR/BILR only
- Selective four colour settings (Normal, Cool, Warm, Vivid)



Cameras ONVIF Ready



WatchNET® INTEGRATED DIGITAL TECHNOLOGIES

MPIX - 20BC-KIT / MPIX-20BCW

2.0 MegaPixel IP Cameras KIT

2
MegaPixel
PoE



- 2.0 Megapixel Micron CMOS
- Progressive scanning sensor
- H.264 Main compression
- High Definition video
- Support dynamic IP address, LAN, Internet (ADSL & Cable Modem)
- Support protocols: RTSP, RTP, HTTP, TCP/IP, UDP, SMTP, PPPoE, DDNS, DNS, SNTP, DHCP, FTP, SNMP;
- Auto-adjusting frame rate to real time
- Alarm recording: video lost, MD
- 4mm ~ 10mm vari-focal lens

MPIX-20VDV-IR

2-MegaPixel Vandal 3-Axis IP

2
MegaPixel
PoE



- High Definition 1600x1200
- Analog Video out available
- 2-Megapixel CMOS sensor
- Power over Ethernet (POE)
- 15M built-in IR LED
- Built-in 18 IR LED
- 2.7mm ~ 9mm Vari-focal Lens
- H.264/ JPEG / MPEG4 compression
- 2-way audio
- Mechanical IR Cut filter
- Support cell phone/PDA/3GPP
- Triple codec network streaming

MPIX-20B-IR

Weather Proof IR 2 MegaPixel IP

2
MegaPixel
PoE



- High Definition 1600x1200
- Analog Video out available
- IP 66 Weather proof housing
- Built-in 35 IR LED, IR Distance 20M
- 2-Megapixel low light CMOS sensor
- Power over Ethernet (POE)
- H.264/ JPEG / MPEG4 compression
- 2-way audio, 3.6mm ~ 16mm Megapixel Lens
- Mechanical IR Cut filter
- Support cell phone/PDA/3GPP
- Triple codec network streaming

MPIX-20DV-IR

Interior Day/Night Vandal Proof Dome

2
MegaPixel
PoE



- High Definition 1600x1200
- Analog Video out available
- 2-Megapixel CMOS sensor
- 3-Axis bracket adjustments
- Power over Ethernet (POE)
- Vari-focal 2.7mm ~ 9mm Megapixel Lens
- H.264/ JPEG / MPEG4 compression
- 2-way audio
- Mechanical IR Cut filter
- Support cell phone/PDA/3GPP
- Triple codec network streaming

MPIX-30BC*

Full-HD Network Camera

3
MegaPixel
PoE



*Lens not included



- 1/2.8" 3.0 Megapixel SONY progressive scan Exmor CMOS image sensor
- H.264 video compression and JPEG image capture
- 15fps at 3.0M(2048x1536) and 25/30fps at full HD 1080P resolution
- Dual encoding streams supported
- Wi-Fi (802.11b/802.11g)
- Built-in web server, NVR
- Supports ICR true Day/Night, C/CS Auto Iris lens, Alarm I/O, RS485 and RS232 interface
- DC12V/AC24V dual power supply, POE

MPIX-30VDV-IR

3-MegaPixel IR Network Camera

3
MegaPixel
PoE



- High Definition 2096x1561
- H.264 video compression & JPEG image capture
- Dual encoding streams supported
- Support Alarm I/O, RS485 interface
- 1/2.8" 3.0 Megapixel SONY progressive scan Exmor CMOS image sensor
- Full HD 1080P
- Support C/CS Auto Iris lens 4.5~10mm/F1.6
- Max 32GB Hot-swappable SD card for local storage
- Built-in web server, NVR, MSS & CMS

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MPIX-30B-IR

3 Megapixel HD IR Fixed IP Camera



- 1/2.8-inch CMOS
- H.264/JPEG
- 8mm, F1.8 Fixed IRIS
- Day/Night mode auto switch
- Built-in IR light. Supports IR night vision
- Embedded LINUX
- Dual Power DC12V or AC 24V
- 42 LED, IR distance 20 to 30 meters
- Operating temperature: -30°C ~ 60°C / -22°F ~ 140°F



VI-540-NCV-IP



IP - IR Vandal Dome

- 540TV Lines of Horizontal Resolution
- 1/3 inch interline transfer CCD
- True Day/Night
- 30 meter IR Range
- Multi-function DSP
- DC Iris Level Adjustment
- 3 Axis built-in 120mm Dome Housing
- 3.8 - 9.5mm Auto Iris Lens
- PoE / Dual Voltage
- USB Recording



Special Order

MPIX-50B-IR

5 Megapixel HD IR IP Bullet Camera



- 1/2.5" 5MP CMOS at 10fps
- 0.1Lux@F1.2 with 25 Meter IR Distance
- Waterproof (IP67)
- 7.8mm, F1.8 Fixed IRIS
- Operating temperature: -40°C ~ 60°C / -40°F ~ 140°F
- H.264 High Profile, MPEG-4, M-JPEG
- Two-way Audio Support
- Event Recording SD card
- PoE 802.3af
- SD/SDHC auto-recovery/reset



VD-540NCV-IP



IP Vandal Proof Dome

- 540 TV Lines Horizontal Resolution
- SONY1/3" Super HAD Color CCD
- PoE / Dual Voltage
- 30fps @720x480(NT), @720x576(P)
- Supports Private, Dynamic, Global, Static IP
- Ultra quality H.264 compression
- 2.8 - 10mm Lens
- Support WatchNET E/NetFlow
- USB Recording



Special Order

MPIX-50VDV-IR

5 Megapixel Vandal Proof IP Camera



- 1/2.5" 5MP CMOS at 10fps
- 0.1Lux@F1.2 with 15 Meter IR Distance
- Vandalproof / Waterproof (IP66)
- H.264 High Profile, MPEG-4, M-JPEG
- 4mm, F1.8 Fixed IRIS
- Two-way Audio, built-in microphone
- Event Recording SD card
- PoE 802.3af
- SD Digital IO/RS422/RS485/RS232
- Operating temperature: -30°C ~ 60°C / -22°F ~ 140°F



SD-540NCN-IP*



IP Box Camera

- 540 TV Lines Horizontal Resolution
- 1/3 inch Super HAD High Sensitivity
- H.264 compression
- Digital Noise Reduction
- Sense up / Low Light
- True Day & Night
- SD Card Slot Optional
- Supports Watchnet E /Netflow
- PoE Dual Voltage
- *Lens not included



*Lens not included

Special Order

PTZ Cameras



WPTM-500-10X

Outdoor Mini PTZ Dome

- Optical 10X Zoom
- Resolutions: 540TVL/570TVL(B/W)
- Min Illumination: color 0.015Lux,
- Pan 360° continuously, Tilt 90° rotation with auto-flip, humanize focus and speed
- 128 presets, 4 tour, 8 programmable zones;
- Built-in OSD menu & TVS1500W lightning-proof
- Water resistant Housing
- RS485 / 422 Control



Optional Built-in IP



WPT-I-36 EXD

Outdoor Hi Speed PTZ

- Double barrel design optimized for long distance
- Infrared night vision (100 Meter IR Range)
- Alarm and Park action Function
- Image Stabilizer Function, 540TVL
- Display function of Pan/tilt position & zoom in/out
- Privacy masking zone
- Built-in TVS4000V lightning/surge protection
- Built-in multi-protocol
- 5 time schedule
- Available mounting bracket (Brack-WPTI)



Optional Built-in IP



WPT-27SH

Outdoor Day / Night PTZ

- 540TVL Resolution
- Hi Speed Dome with 380° / Sec Speed
- Hot swappable quick disconnect module
- Built-in heater / blower
- OSD Menu keyboard /DVR operated
- 128 Presets, and 5 Tour patterns
- Alarm input / outputs
- 27X Optical zoom with Privacy masking
- Auto resume on power up
- Multi-protocol with RS 485 /422
- Electronic FLIP and 360° continues spin
- Sencifier low light enhancement



Optional Built-in IP



WPT-26EXD

Outdoor Day / Night PTZ

- 540 TVL SONY 26X Optical zoom module
- Mechanical IR Cut filter
- EEPROM Backup without memory loss
- OSD Menu keyboard /DVR operated
- 5 Time schedule for operations
- Smart lenses control
- Multi-protocol with RS 485 /422
- Electronic FLIP and 360° continues spin
- 128 Presets, and 5 Tour patterns
- Alarm input / outputs



Optional Built-in IP



WPT-36EXD

Outdoor Day / Night PTZ

- WDR SONY day and night module
- 36X Optical and X10 Digital zoom
- Hi Speed Dome with 380° / Sec Speed
- Hot swappable quick disconnect module
- Built in heater / blower
- OSD Menu keyboard /DVR operated
- 128 Presets, and 5 Tour patterns
- Alarm input / outputs
- Auto resume on power up
- Multi-protocol with RS 485 /422
- Electronic FLIP and 360° continues spin



Optional Built-in IP



All PTZ models cameras are available with optional IP module built-in

- H.264 Compression
- Dual Streaming multi codec
- Built in WEB SERVER
- Support dynamic IP address
- Auto adjusting frame rate to real time
- Support multi transmission protocols
- Alarm functions
- WatchNET E Software compatible

(Add IP to the part number Ex: WPT-36EXD-IP)

WPT-I-36EXD + IP = WPT-I-36EXD-IP

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EDGE - IRBF / IRBF(W)

Vandal Proof IR Ball Camera



- 1/3" SONY SUPER HAD CCD
- 540TV Lines
- Vandal resistant metal body
- Hi resolution color module
- 24 infrared LEDs, 12V DC
- 360° Pan and 180° Tilt manually adjustable
- 3.8mm Fixed focus lens
- 0.001 Lux night-vision
- Dual window for no IR reflection
- CDS IR Light Auto Control
- Low power consumption green technology



EDGE-DF / EDGE-DV

Indoor Dome Day / Night



- 1/3" Sony super HAD CCD
- 540TV Lines
- DC 12V - power
- Built-in OSD
- 0.1 Lux
- Motion Detection / BLC
- Indoor Dome
- Day & Night Camera
- Fixed 3.6mm Focus Lens (EDGE-DF)
- 2.8mm ~ 12mm Lens (EDGE-DV)



EDGE - IRBV / IRBV(W)

Vandal Proof IR Ball Camera



- 1/3" SONY SUPER HAD CCD
- 540TV Lines
- Armor ball dome design
- Vandal resistant metal body
- Hi resolution color module
- 36 infrared LEDs, 12V DC
- 360° Pan and 180° Tilt manually adjustable
- 3.8 to 9mm Vari-focal lens
- 0.001 Lux night-vision
- Dual window for no IR reflection
- CDS IR Light Auto Control



EDGE - SBC

Hi Resolution Day / Night Box



**Lens not included*

- 1/3" SONY SUPER HAD CCD
- 540 TV Lines
- Day & Night
- C & CS Mount Lens
- DC 12V
- Built-in OSD
- Auto Iris Lens Supported
- *Lens not included*



EDGE - BISR

Vandal Proof IR Ball Camera



- 1/3" Sony super HAD CCD
- 540TV Lines
- DC 12V - power
- 24x 850nm IR LED
- 0.0002 Lux (IRON)
- Weather Proof
- 4 mm Fixed Lens
- Adjustable sun shield
- Bracket included



ED-12004-KIT / ED-24008-KIT

EDGE Value Line DVR



- 4 & 8 channels entry level simple 1U standalone DVR
- Up to 4 & 8 cameras with SXGA (1280x1024) display
- Advanced H.264 video compression algorithm
- Live, recording, playback, backup & remote access
- 4 & 8 channel simultaneous playback
- Smart video detection: MD, Camera mask & Video loss
- Full intelligent PTZ control (Model Dependant)
- Supports 1 SATA HDD up to 2 TB, 2 X USB 2.0
- Built-in web server & 64 CH HD CMS

Specialty Cameras



SPH-WDR

Hi Resolution WDR ATM Camera



- Hi Resolution of 600TV lines
- Min. Illumination 0.45Lux@F2.0 (color)
- Built-in 3.7mm fixed lens
- Low Light Enhancement
- Built for ATM Surveillance
- Easy Control OSD Menu
- Digital Noise Reduction
- Flexible Mounting Bracket



WT-6250HTM

Elevator Camera Corner Mount



- 1/3" SONY Super HAD CCD
- 520 TVL Resolution
- 2:1 Interlaced (NTSC)
- 3.6mm fixed board lens
- BLC On (AGC off)
- Easy to install, easy to use

Special Order



MC-NDF

Mini Vandal Dome Camera



- 520 TV Lines Horizontal Resolution
- 1/3" Sony Super HAD CCD
- Mini sized Vandal Resistant Dome
- Digital Wide Dynamic Range
- Digital Noise Reduction
- Dual Power
- Multi-function DSP
- Auto DSP
- Fixed 3.8mm Lens
- Can be used for Mobile Applications



SPH-PIR

Hidden CCD Camera



- 1/3" and 1/4" SONY Color CCD to provide superior images
- 550 TVL Resolution
- Min. Illumination of 0.5 Lux / F2.0 (for 1/3" VVD sensor)
- Built-in pinhole lens: f.3.7 / F2.0
- S/N ratio more than 48dB (AGC off)
- Easy to install, easy to use



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For PAL Cameras please add (-P) to the part number.

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Specialty Cameras



KBD-803D

3 Dimensional DVR/PTZ Controller



- 3D Joystick for Simple Manual Operation
- RS485 Bus Line connect to 32 domes at once
- Large LCD Screen
- Compatible with multiple PTZ Protocol
- Control the Iris, Focus and Zoom as well as 128 presets, tour, scan and patterns
- Support PELCO matrix
- Support 4 keyboards linkage, each keyboard can support 32 domes at most

KBD-905NET

Network PTZ/DVR Keyboard



- One keyboard can control multiple PTZ/DVRs
- Support full PTZ menu operation
- Support RS485 port and RS232 port
- 3D joystick control
- E Series DVR control
- Lock keyboard to prevent unauthorized use
- Support multiple-level operation rights
- Sleek and stylish design

Coaxitron

Coaxitron Converter



- Converts RS485 to Coaxitron
- Coaxitron is a proprietary protocol
- It operates over coaxial cable
- It sends messages to devices in the form of a 4-byte code

Brack-Corner



PTZ Corner Mount Bracket

- Corner Mount Bracket
- High Di Cast Aluminum
- Corrosion Proof
- Easy Installation

Brack-PTZ-Pole



Pole Mount Bracket for PTZ

- This adapter is ideal for installation on masts with a diameter between 3" and 8.5"
- Two stainless steel tightening rings are included
- High Di Cast Aluminum
- Corrosion Proof
- Easy Installation

BRACK-PEND-09



Pendant Mount Bracket for PTZ

- 9" PTZ Pendant-mount bracket
- High Di Cast Aluminum
- Corrosion Proof
- Easy Installation

Brack-10X-Pend



Pendant Mount Bracket for PTZ

- 10x PTZ
- 7" Pendant Mount Bracket
- High Di Cast Aluminum
- Corrosion Proof
- Easy Installation



Specialty Device



IT 1000G

i-Track FEATURES:

- 360° Automated PTZ Tracking
- Multi Target Zoom In Function
- Scheduled Operating Modes
- 8 Priority & Masking Zones
- Powerful Dual Core Processor
- CMS Notification of Events
- Full IP Based Remote Configuration
- Spot Monitor / Relay Outputs
- Easy Set up with IR Remote Control



info@watchnetdvr.com

Automatic PTZ Camera Control and Motion Tracking with Analytics

Welcome to the next step in video surveillance.....**intelligent video**, a technology that is 'out of this world' when compared to the current offerings. **Intelligent video** utilizes sophisticated embedded algorithms to allow various security networks to deliver information with superior efficiency giving the user organization preemptive ability to automate and manage all information, resulting in increased overall risk management.

Introducing **i-Track**, the superior product that delivers multiple intelligent video analytics capabilities in one small package with a turnkey solution and multipurpose adaptability to most existing CCTV systems.

Designed by the security experts at Videon, **i-Track** was developed with over 18 years knowledge in the CCTV industry and intensive research and development by highly skilled engineers.

i-Track is designed for today's demanding security environment to obtain information through state of the art digital signal processing technology and thereby provides features which are truly amazing.

Integrating with new and existing video, **i-Track** can deliver preemptive information enabling productivity and risk management that helps to prevent incidents, decrease costs and result in energy savings.

i-Track is versatile, scalable and can be tailored to meet the unique demands of the CCTV industry.

Optional functions:



• Virtual Fence with PTZ Tracking



• Missing Object



• Foreign Object



• In/Out Counting



• Anti-tail Access Control



• Motion Tracking

WatchNET Providing Security Solutions Since 2000

ACCESS CONTROL

Introduction

WatchNET is a leader in CCTV Industry offering Surveillance Solutions over 12 years. To meet the growing demands of this industry for a complete Security Management Solution, **WatchNET** has been investing in research and development for the past four years to determine the right range of Access Control Systems. With this extensive background and industry experience **WatchNET** is now launching its range of Access Control Systems, fully integrated with its present range of CCTV systems offering our valued clients a comprehensive Security Management Solution. This company's prime goal is to be a one stop organization for our clients in need for a quality solution.

WatchNET Access products include Access Control System, Time & Attendance system, Elevator Access Control, Car Park Management etc. With all of these integrated with Intrusion detection and CCTV systems, **WatchNET Access** is able to offer our valued clients a comprehensive Integrated Building Security and Management system which is TCP/IP based. Added to this the development team has immense experience and resources to provide tailor made solutions to meet virtually any customization from our clients.

Our Team

Our sales, development and support team with years of experience in the industry along with teams based in each of the operational regions with an immense experience in the local regions will back you up with any or every requirement for Security Solutions. With local presence both for sales as well as technical support **WatchNET Access** is keen to venture into the each of these existing markets as well as expand its presence on the global scene.

Our Certification

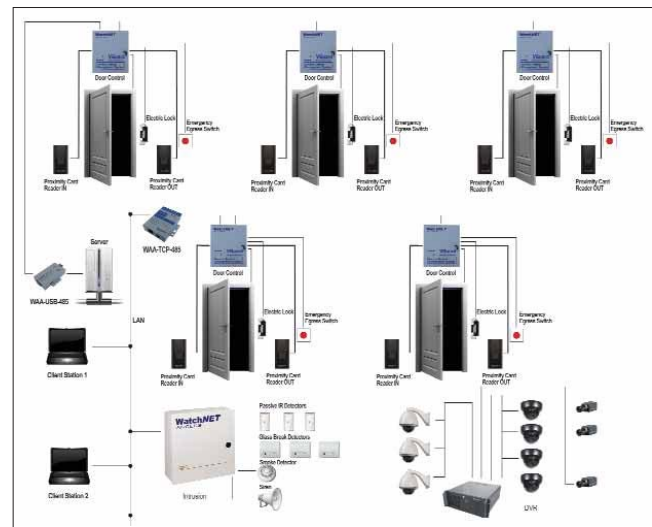
WatchNET Access has the certification of CE, FCC, UL, RoHS

Our Security Management Solution includes:

- Access Control
- Employee Badging
- Elevator Control
- Parking lot Management
- CCTV System (Analog & IP Based)
- Intrusion Detection

These combined together meets the industry needs for a Total Security Management Solution. Other modules that are expected to be released shortly are License Plate Recognition, Guard Tour, and Parking Revenue Management Canteen etc.

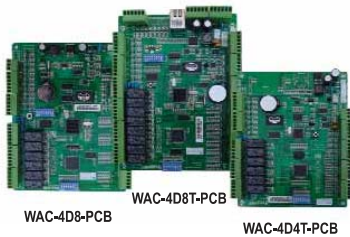
WatchNET Access software is a fully integrated solution for Access Control, Intrusion Detection, CCTV, Time & Attendance and Building Management. This powerful software manages multiple tasks using WINDOWS 2K/XP/Vista and Windows 7 Professional Versions and supports databases such as MSSQL and MS Access. The Client-Server version also allows remote controlling from up to ten different remote clients. In addition to English the software is also available in multiple languages. The software's customizable interface allows the user to design the screen according to their choice and bringing it up each time they log on to the system. The software's multi Database capabilities allow the customer the flexibility to choose either MS Access database or MS SQL database. Multiple users (software operators) with different levels of access can simultaneously access the system.



Access Control / Building Management



CONTROLLERS



- 2, 4 and 8 Door Controller (IN/OUT)
- Supports TCP/IP, RS232 or RS485
- Card Capacity 30,000
- Transaction storage 7,500

READERS



- EM, Mifare and HID Compatible
- Keypad reader with Display
- Built-in Buzzer
- Dual Color LED
- Stylish Design

2 DOOR ACCESS CONTROL



- Ready to install Access Control System KIT:
- One - 2 Doors, 2 Readers control unit TCP/IP ready
 - Two - Proximity Readers
 - Video Integrated Software and Instructional Manual
 - Ten - Proximity Cards
 - Expandable to over 1000 doors system

ACCESSORIES



- Full range of Accessories
- EM Locks
- Door Contacts
- Drop Bolts / Electric Strikes

ELEVATOR / IO CONTROL



- Independent Controller controlling up to 127 floors
- Add on boards 16 floors (127 Max)
- Fully integrated with WA Software
- Visitor Access with Intercom Option
- IP Based Input / Output Control board

CONVERTERS



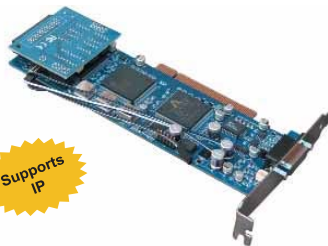
- WAA-USB-485
- USB to RS485 Converters for non TCP / IP Controllers
- WAA-TCP-485
- RS485 to TCP / IP Converters to add set of controllers to LAN

info@watchnetaccess.com

WatchNET Providing Security Solutions Since 2000

Access Control

Viewgate Capture Cards



Supports IP

Model

- 12016HS
- 24016HL
- 24016HS
- 48032HS
- 48016EX
- 96032EX
- 12004ML-LP
- 2408ML
- 3004CS
- 6004CS
- 6008CS
- 6016CS
- 12008CS

Software included



Viewgate Capture Cards Software Functions

- Voice Notification by Phone
- Audio Recording Capability
- Intelligent Search and Text Search
- Alarm and Card Access Integration
- Remote Viewing, Search and Notification
- Free Dynamic IP Support and Web Server
- Multi Site, Multi Client and Multi User
- Network and Local Backup
- Watch Dog Function / Digital Water Mark
- H.264 Compression Recording
- On Board Micro Processor
- Enhanced Pic Quality, D1 Rec
- 1080p wide GUI interface
- Panoramic search Function
- Event Log Recording
- CD, DVD & HDD back-up
- Optional matrix card
- Dual Monitor display
- POS & Access control integration
- Limited IP & MegaPixel camera integration

See model specific details at www.watchnetdvr.com

WatchNET-E Capture Cards



Supports IP

Model

- WTE-12004D
- WTE-24008D
- WTE-24008HD*

- WTE-48016D
- WTE-48016HD*

*Full D1 30fps Recording

Software included



WatchNET E Capture Cards Software Functions

- H.264 compression algorithm
- E map and alarm POP UP function
- Configurable Dual monitor display
- Video grouping and multi display modes
- Multi-site full function CMS included
- Zoom to point PTZ control
- E mail and SMS notification
- Full 1080p wide screen display
- IP / MegaPixel camera integration
- Various recording modes
- Video matrix up to 64 Channels
- Pan, tilt & zoom camera support
- Built-in web server for remote viewing
- Dual streaming
- Write to log file & view events
- 64 Channel multi CMS included

See model specific details at www.watchnetdvr.com

NetFlow Capture Cards



Supports IP

Model

- NFHC-04
- NFHC-08
- NFHC-16
- NFHC-16HD*
- NFHC-32
- NFHC-64

*Full D1 30fps Recording

Software included



NetFlow Capture Cards Software Functions

- H.264 or MPEG-4 Compression
- 1280 x 1024 recording resolution
- 6 types of video analytics and instant responses plus 3GPP support
- Intelligent Search & Instant Playback
- Bi-Directional, in and out counting with adjustable size parameters
- Built-in web server for remote viewing
- E mail and SMS notification
- For 4 up to 64 CH Analog hardware, real time viewing/recording
- Video Enhancement Tools
- Dual streaming over internet
- Multi language support
- Supports over 100 brands of IP camera manufactures and over 1000 models
- Configurable Dual monitor display
- POS & Access control integration

See model specific details at www.watchnetdvr.com

Accessories



WNTPS - 2

Time Synchronize Server



- Ready-to-operate Secure Stratum 1 NTP Time Server
- Support for NTP and SNTP compatible clients
- Incorporates a GPS Computer Clock, tracks up to 12 satellites
- RJ-45 Ethernet interfaces 10/100 M Bit
- Includes GPS active antenna 10m (30ft)
- Includes power adaptor

NF-3151

Video Server



- High performance DSP compression
- H.264 video
- Dual streams
- Support variable bit & frame rate
- Embedded Linux OS
- Work with Netflow and ONVIF
- Available 19inch rack mount adaptor

LA-ESL-1PT-DB9/LX2-232-DATA TAP

Data Tap



- POS integration for multiple types of cash register
- Single Port Printer simulator and Data catcher for POS
- RS232 to IP conversion
- Support past true printer

PC to TV

PC to TV Converter



- DVI to TV Converter
- Can be used to display Matrix Output on analog monitor (USB Powered)
- PAL / NTSC compatible
- H-size, V-size, Brightness, Hue, Contrast, Saturation, Sharpness, OSD-background Color adjustable

WTE-7608RE / WTE-7609RI

8 CH External Alarm In/Out



- 8 Channel alarm inputs
- 8 Channel relay outputs (RE only)
- 4 Channel relay outputs (RI only)
- 1 Channel auto relay output
- Compact structure 32 ports only occupy 1U high
- Alarm linkage function
- NC and NO for alarm input and output
- Made for WatchNET E

CCTV Tester

CCTV Tester



- 2.5 inch LCD screen, 960 x 240 resolution
- 5 hours recharging time, work for 5 hours
- PTZ Control RS485
- CAT 5 tester included
- NTSC/PAL Compatible

<p>LENC - 2.8-12</p>  <p>Lens</p> <ul style="list-style-type: none"> • 2.8 mm to 12 mm CS mount lens for Watchnet's box cameras • DC Auto Iris • Metal Housing • Glass optical lens 	<p>LENC - 5-50</p>  <p>Lens</p> <ul style="list-style-type: none"> • 5 mm to 50 mm CS mount lens for Watchnet's box cameras • 1/3 inch • DC Auto Iris • Metal Housing • Glass optical lens 	<p>LENC - 5-100</p>  <p>Lens</p> <ul style="list-style-type: none"> • 5 mm to 100 mm CS mount lens for Watchnet's box cameras • 1/3 inch • DC Auto Iris • Glass optical lens
<p>Lens-B (2.5,6,8 or 12mm)</p>  <p>Lens</p> <ul style="list-style-type: none"> • Fixed focal Lens • 1/3 inch 2.5mm to 12mm • Glass optics 	<p>Brack Box</p>  <p>Bracket</p> <ul style="list-style-type: none"> • Wall bracket for box cameras • Di cast metal • Easy installation 	<p>AC to DC Converter</p>  <p>AC to DC Converter</p> <ul style="list-style-type: none"> • AC24V to DC12V-3A • Compact metal enclosure • Heavy duty
<p>MIC-DVR-A</p>  <p>Microphone</p> <ul style="list-style-type: none"> • Microphone designed with adjustable sensitivity • Ideal for CCTV Audio • Range up to 150 square meters • Wall mountable 	<p>BNC-08-PIG/16CH-VID-DVI</p>  <p>BNC Pigtail</p> <ul style="list-style-type: none"> • 8 channel BNC Pigtail • For systems with db 15 connectors • Used for CS, HL, & HS • 16 channel BNC Pigtail • For systems with DVI connectors • Used for replacement 	<p>Balun-17</p>  <p>UTP Video Transceiver</p> <ul style="list-style-type: none"> • 1 CH Passive video transceiver • Full-motion CCTV video at distance up to 2000ft (600m) • Male BNC allows connection directly to the camera or DVR • Sold in pairs

Accessories



POW-PM-04

4 CH Power Supply



- 4 Individually short circuit protected outputs with auto reset
- Surge protection with indicator
- Indoor use only
- Input: 100 - 240 / 2A, 50 - 60HZ
- Output: 12VDC, 3AMP
- Regulated DC Power

Brack-BL-Dome

Dome Bracket



- Interior wall bracket for indoor dome cameras
- Fits most 100mm camera base
- Easy to install

SOH-BC

Heated Camera Housing



- IP66 rated rugged housing
- Built-in heater blower
- Corrosion proof
- Adjustable position bracket mount
- Aluminum alloy
- For indoor/outdoor installation
- Antifog design

POW-PM-09

9 CH Power Supply



- 9 Individually short circuit protected outputs with auto reset
- Surge protection with indicator
- Indoor use only
- Input: 100 - 240 / 2A, 50 - 60HZ
- Output: 12VDC, 5AMP
- Regulated DC Power

Brack-3A-Wall

Goose Neck Bracket



- Fits VI an XDD cameras
- Di cast metal construction
- Corrosion proof
- Easy to install

VOHBC-6000

Vandal Proof Housing



Special Order

- IP66 rated rugged housing
- Built-in heater blower
- Adjustable position bracket mount
- Aluminum alloy
- For indoor/outdoor installation
- Heighten protective 4.2mm glass
- Adjustable mounting plate

POW-PM-18

18 CH Power Supply



- 18 Individually short circuit protected outputs with auto reset
- Surge protection with indicator
- Indoor use only
- Input: 100 - 240 / 2A, 50 - 60HZ
- Output: 12VDC, 10AMP
- Regulated DC Power

Brack-3A-Pend

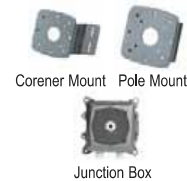
Bracket for VI & XDD



- Pendant Mount Bracket
- Fits VI an XDD cameras
- Di cast metal construction
- Corrosion proof
- Easy to install

Brackets

Brackets for XDD Cameras



- Corner Mount
- Pole Mount
- Junction Box
- Fits XDD bullet camers
- Corrosion proof
- Di cast metal construction
- Easy to install

WatchNET[®]

Integrated Digital Technologies



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