

**Business DVR Security System | CCTV, IP & MP (Megapixel) security cameras. Remote via BB, iPhone, CMS, Webclient & Software**



**Product Description**

High-end Business DVR security system, best choice for small business and for monitoring multiple locations. Connect up to 32 cameras and 32 microphones to each DVR security system and manage your surveillance camera video in real-time, from anywhere and on most wireless devices. This business DVR security system incorporates the latest in digital technology, allowing you to not only connect traditional CCTV security cameras to the system but also allowing for simultaneous use of Digital IP and Megapixel network security cameras. The user interface, tailored for wide screen monitors, includes dual & quad monitor support and POS Integration allows for detailed review and playback of transaction data and corresponding video images. You will have access to your DVR security cameras anywhere, anytime!

**Specifications**

Security DVR Software Specifications	Security DVR Hardware Specifications
<p><b>Hybrid DVR</b> - use any combination of Analog (CCTV), IP or Megapixel security cameras. Over 100 major IP security camera brands are supported including megapixel IP cameras. (see downloads tab for support list)</p> <p><b>Security Access:</b> Unlimited number of users with individual passwords and tiered user security privileges.</p> <p><b>Sensor/Relay:</b> Built in 4 sensors and 4 relays; Expandable up to 132 sensors and 132 relays via an E-I/O box</p> <p><b>User Interface:</b> Type Graphical User Interface</p> <p><b>Camera View Modes:</b> Compact and Advanced display modes</p> <p><b>Camera Display Formats:</b> Auto scan with 1, 4, 8, 9, 13, 16 or 32 split screen for monitoring and playback</p> <p><b>E-Map Specifications:</b> Store up to 8 maps with up to 8 angles for security camera (including name), sensor and relay positions</p>	<p><b>General DVR Info:</b></p> <p><b>Video Format:</b> NTSC or PAL</p> <p><b>Software Compression:</b> H.264 or MPEG4</p> <p><b>Video Output:</b> CCTV, TV or LCD monitors (1x VGA, 1x Spot monitor)</p> <p><b>Video Input:</b> 4/8/12/16 channels (BNC connectors) (depends on system options)</p> <p><b>Audio Input</b> 4/8 channels (RCA connectors) (depends on system options)</p> <p><b>Display Frame Rate:</b> 60fps, 120fps, 240fps (depends on system options)</p> <p><b>Recording Frame Rate:</b> 60fps, 120fps, 240fps (depends on system options)</p>

**Automatic Night View:** Yes

**Digital Zoom:** Yes

**Advanced Pan-Tilt-Zoom Control:** Control for both IP and Analog cameras

**Multiple Languages:** Yes

**Video Quality Settings:** Yes

**Over Heat Detection:** Yes

#### Camera Recording Features:

**Video Recording Modes:** Continuous, Scheduled, Motion Detection, Sensor trigger, Alarm trigger and Smart recording

**HDD Size Estimation Tool:** Yes - Will estimate HDD size and expected recording time based on HDD size and recording settings

**Video Encryption / per Channel:** Yes

**Video Shield:** Yes

**Video Mask:** Yes

**Recycle Recording:** Yes

**Video Loss Detection:** Yes

**Detailed Event Log:** Yes

**Auto Record after Reboot:** Yes

#### Camera Playback Features:

**Advanced Video Search / Calendar Search / Motion Search:** Yes

**Security Watermark Verification:** Yes

**Playback Software on PC:** Yes

**Playback Availability:** Camera playback while recording or setup. With Dual Monitors - watch playback and live camera video simultaneously

**Playback Control:** Play, rewind or fast-forward surveillance video footage including frame-by-frame video control with real time operation

**Video Optimization:** Digitally zoom in to specific areas on the surveillance video footage

**Export Functions:** Export single frames to BMP files or export video clips to AVI files with time and date stamp

#### Camera Search Features:

**Visual Search:** Yes

**Search Criteria's:** Search by date, time, camera, event and event logs

**Bookmark Function:** Yes - Bookmark important footage for fast access

**Security Watermark Verification:** Yes

**Export Functions:** Export single frames to BMP files or export video clips to AVI files

#### DVR Back-up:

Back-up features Manual or schedule backup

Backup Functions Direct burn to CD/DVD-RW

**Recording Resolution:** up to 720x480 D1

#### Monitor Output / External Device:

**Dual Monitor:** optional. 1x VGA output (16:9 supported)

**Spot Monitor:** Yes - Full screen rotation

**POS Integration:** Yes - Integrated per camera channel. Searchable in the event viewer.

#### I/O Box Support:

Expandable up to 132 sensors and 132 relays via an E-I/O box

#### DVR Case Specifications:

**Chassis Type:** Rackmount Form Factor 4U Lockable Cooling Enclosure

**Front Expansion:** 3x External 5.25" Drive Bays / 10x Internal/External 3.5" Drive Bays (Depends on hot-swap option.)

**Front Ports:** 2x Front Ports USB / Multi-Card Reader

**Cooling System:** 2x Front 120mm Fans (forces filtered air through the HDD rack) 1x Rear 80mm Fan (removes air from the system.)

**Physical Spec:** Dimensions(L x W x H) 16.9" x 21.6" x 7.0"

#### DVR Case Features:

- Lockable front panel door (2 keys included)
- Front loaded hard drives (hot swap)
- Front accessible USB port & Multi-Card reader
- Easy-accessed front changeable air filter
- Smooth border prevent lacerating your skin

#### Main Board Specifications:

**Supported CPU:** Socket Type LGA 775. Core 2 Quad / Core 2 Extreme / Core 2 Duo. FSB 1600/1333MHz

**Chipsets:** North Bridge Intel G31, South Bridge Intel ICH7

**Memory:** 2x240pin - Memory Standard DDR2

### **Security Alarms/Sensors/Relays:**

**E-map** - E-map is launched with active security camera highlighted and security video footage displayed

**FTP** - Still images of security video footage are automatically saved to specified FTP sites

**Phone** - Installed Voice-Fax modem calls specified phone number and plays pre-recorded message

**Relay** - System will turn on lights, lock gates, sound an external alarm, etc.

### **Security Alarm Trigger Notifications:**

**Record** - DVR System will start capturing security video footage from different angles on multiple security cameras

**Spot Monitor** - Will automatically display E-map and video footage on CCTV spot monitor

**Text Message** - If DVR is SMS modem enabled, then a text will be sent to specified phone number

**CMS3000** - Event information will be automatically generated in the CMS3000 for follow-up

**Video Intelligence** - Yes

### **Remote Accessibility:**

**WebViewer** - 1, 4, 8, 9, 13 or 16 split screen views with PTZ camera control

**PDAViewer** - View video footage on a PDA in 1 or 4 split screens

**HandyViewer/SmartViewer** - View security video footage on compatible cell phones, Blackberry, iPhone, Google phone, ect.

**CMS3000** - Control and manipulate up to 1000 DVR security systems remotely; Includes E-Maps

**Remote Console** - Remotely monitor, record or playback security video footage

**Audio:** 2-way audio communication through WebViewer, Remote Console or CMS3000

**Pan-Tilt-Zoom:** Yes - Both IP or Analog cameras through WebViewer or CMS3000

**Backup:** Yes

**Dynamic DNS:** Yes

**Connection Types:** Internet or Local LAN

### **Security Video Footage Quality/Enhance:**

**De-Interlacing:** Yes for Static or Dynamic security video footage

**Noise Reduction:** Yes

**Image Balance:** Yes - Auto Gain Control (AGC) balance image quality

**iEnhance Software:** Yes - optimizes recorded video footage

**iStable Software:** Yes - smoothes video footage

1066 - Maximum Memory Supported 4GB

**Expansion Slots:** 1x PCI Express x16, 1x PCI Express x1, 2x PCI Slots.

**Storage Devices:** PATA 1 x ATA100 2 Dev Max, 4x SATA 3Gb/s

**Onboard Video:** Chipset Intel GMA 3100

**Onboard Audio:** Audio Chipset VIA VT1708B - Audio Channels 8 Channels

**Onboard LAN:** Max LAN Speed 10/100/1000Mbps

**Rear Panel Ports:** 2x PS/2, COM 1, LPT 1, Video Ports D-Sub, 4x USB 1.1/2.0, Audio Ports 6 Ports

**Onboard USB:** 2x USB connectors support additional 4 USB ports

### **Scheduling Abilities:**

- Schedulable Functions Record, network enable, backup, reboot, alarm and relay controls.
- Functions can be scheduled in 15 minute, 30 minute, 45 minute or 1 hour allocations increments.
- Set for a one-time event or on a weekly repeating schedule

### **Other:**

**DVR Desktop Lock:** Yes - will prevent any other operation, not related to surveillance, from running

**Attention Please:** Yes - will monitor designed to measure and track the response time of the surveillance operator

**Virtual Keyboard:** Yes - great for touch screen operation

**UPS support:** Yes (battery backup)

### **DVR Software Upgrades:**

**Yes** - Effortlessly perform upgrades to the DVR unit via the internet or a Pen drive