

CAM XP

90+days* of HIGH QUALITY storage at 160 fps

NEW 400 GB Hard Drive
STANDARD

**Vision
Controls** Corp

DIGITAL VIDEO WITH INTELLIGENCE

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MORE HIGH-TECH FEATURES

You won't find features like this at this price in any other system on the market:

- View multiple camera outputs all on one screen
- Audio streaming to remote locations
- View real-time camera action from any Internet browser
- Visible, ultra-secure watermarking

RELIABLE. FLEXIBLE. SECURE.

The CAM XP DVR provides high-quality video with a storage capacity that sets a new industry standard. This DVR is ideal for customers who need flexible, high quality, expandable video security and surveillance at a competitive price. New Windows XP Embedded/Flash memory storage option allows customers to customize the best fit for their business needs.

BUSINESS BENEFITS

- Longer storage capacity helps protect companies from liability claims
- 24/7 continuous recording proves when events happened, or didn't happen
- Highly compressed video won't tie up network bandwidth
- Separate 80GB drive for operating system increases reliability and reduces system downtime
- Video compression adjusts automatically to provide more storage in less space
- Reliable, fault-tolerant design keeps video evidence secure
- Easy-to-use software allows viewing and sharing of video clips
- Vision Controls provides IT systems integration services

* For applications with average motion.

EASY TO USE



Alarm management

- Change recording speeds, store snapshots or change camera positions
- Send video to a PC, dial a phone or pager, or send video clips via the Internet

Intelligent recording

- Compression adjusts depending on levels of activity
- Recording, playback and remote access may be done simultaneously
- Video files are indexed and searchable by time, date, host name and camera name

Instant information access

- Multiple users may access one DVR
- Play back up to 32 video files simultaneously
- Flexible, variable playback speeds
- Up to 4 video files can be synchronized for simultaneous viewing

User-defined security

- Multiple usernames and passwords allow different users different levels of access

Camera control

- Move individual PTZ cameras up, down, left, right, focus, IRIS, zoom in and out from your workstation

Emap

- Map camera locations and facility on a CAD map



CAM XP Product Specifications



**LOW BANDWIDTH. LOW STORAGE NEEDS.
LOWEST COSTS.**

1. SUPER MOTION COMPRESSION MEANS SUPER LOW BANDWIDTH TRAFFIC

BANDWIDTH IN KB PER SECOND

Frames per second	4 cameras	8 cameras	12 cameras	16 cameras
5	25.6	51	76.8	102.4
10	42	84	126	165

2. SMART VIDEO TAKES UP LESS STORAGE SPACE

EST. STORAGE SPACE FOR 90 DAYS (AVG. MOTION), IN GB

Frames per second	4 cameras	8 cameras	12 cameras	16 cameras
5	66.4	132.9	199.2	265.8
10	109.2	218	327.6	436

3. AVAILABLE OPTIONS

- Add 1 extra internal IDE hard drive
- Add Embedded XP with Flash Memory Drive
- Add RS-232/485 converter for PTZ support
- Add on-site service option
- 22" case option available if additional hard disks are required
- Add alarm in/out option (8 in/out standard, 16 in/out available)



CAM XP PC HARDWARE SPECIFICATIONS

Processor	Intel Pentium 4 2.8 Ghz processor
Network	10/100/1000 LAN
Frames per second	10 fps per channel of video
Memory	512 MB DDR RAM
Motherboard	Intel 865 chipset
Hard Drive	400 GB standard (three 200 GB IDE drives in RAID 5 array), separate 80 GB drive for OS only
CD/DVD	52x CD-RW or DVD-RW drive
Graphics Card	nVidia MX 4000
Video Capture	10 fps per camera at 640x480. Max 4 PCI cards per system; 4 BNC composite video channels per PCI card; max 16 video channels.
Channels	4 video/2 audio (40 fps total) 8 video/4 audio (80 fps total) 12 video/6 audio (120 fps total) 16 video/8 audio (160 fps total)
Hard Drive Storage Capacity	90+ days for applications with average motion
Mount	4U rack mount case
Expansion Boards	4 channel
Operating System	Windows XP Pro
Alarm I/O	8 alarm I/O standard, customize up to 32 I/O
Warranty	1 year standard warranty; unlimited CAM XP client software license
UL Certified	Yes
Dimensions	18" D x 19" W x 7" H
Product Numbers	CAM XP-4/400R (4 channel rack mt 4U w/2 audio channels - 400 GB storage) CAM XP-8/400R (8 channel rack mt 4U w/4 audio channels - 400 GB storage) CAM XP-12/400R (12 channel rack mt 4U w/6 audio channels - 400 GB storage) CAM XP-16/400R (16 channel rack mt 4U w/8 audio channels - 400 GB storage) CAM 4-XP Expansion boards (4 channel upgrade)

