



NEW SURVEILLIX® 2.0 SOFTWARE FEATURES: Bandwidth Throttle • Available with Optional DVD+RW • Remote Alarm Notification and Management • Up to 60 seconds pre/post alarm recording for both motion and sensor input activity • Up to 8 channels of audio with time synchronize audio/video playback • Video signal loss detection • Motion alarm recording • Graphical user interface shows multiple user connection status • POS/ATM interface with remote query functions of transaction activity

surveillix™



Surveillix Interface

The Surveillix series has a look and feel that is both powerful and simple-to-use. Clearly labeled and concise, the Surveillix series uses the latest technology to make searching and exporting easier and faster than ever.

- Surveillix continues to lead with simple-to-use features. The Replay Button automatically activates an instant reverse replay through recorded video. The Preview Search option allows you to narrow down recorded video into hour, 10 minute or minute increments. View thumbnail images at a glance increasing the accuracy and decreasing the time required to search an incident.
- Surveillix Central Station software (NDMS). Remotely manage, backup, search and configure up to 100 DVR's simultaneously. Includes location mapping, alarm log, network backup and multiple detachable playback windows for simultaneous viewing of video from multiple systems in dual monitor environments. Advanced alarm management with video loss alarm and filtering options by system, time and date.
- Mobile Surveillance System. View images via wireless LAN and the internet using compatible CDMA and PocketPC products.
- Available in 8, 16 and 32 channel configurations with up to 8 channels of audio. Record both audio and video to get the complete picture. Archive and backup synchronized audio and video to CD-RW.
- Massive onboard storage. The KV-PCDVR comes standard with a 120GB storage drive and can internally store as much as 960GB.
- Capable of recording at 240 pictures per second (PPS). Each camera is adjustable (up to 30 PPS) and all cameras can be viewed in real time (480 PPS total).
- With user-definable recording resolutions as high as 720x480, the KV-PCDVR series offer the cost effective image detail simply not available with analog solutions.
- POS/ATM option. Easily interfaces with existing Point of Sale systems. Perform detailed searches (both locally and remotely) based on recorded transactions made. Video is combined with each transaction for a complete searchable POS record. Interfaces with ATM machines for a complete searchable Video/Transaction record.
- The Surveillix series interfaces with the on-screen menu system built into the Toshiba IK-DP01A/02A dome and Toshiba IK-64DNA cameras eliminating the need for a PTZ controller in some applications.
- Complete remote access. Connect through the LAN, WAN, ISDN, TCP/IP and internet (DSL, Cable Modem, T1 etc.) Remote features include complete setup control, user administration, video backup, live viewing and powerful search capabilities.

KV-PCDVR

Digital Video Recorder



In Touch with Tomorrow
TOSHIBA

KV-PCDVR

Digital Video Recorder

Eliminate the hassle of VHS tapes forever, improve quality, and reduce your total cost of ownership.

The KV-PCDVR digital video recorder sets the standard in high definition recording. Capable of recording at speeds of 240 pictures per second, the KV-PCDVR offers world class performance and reliability. Each system includes standard features such as a CD-RW drive, RS-422/485 PTZ adapter, and a 120GB hard disk drive. Completely control and administer your KV-PCDVR from a remote location and simultaneously view video from up to 25 different locations. Record directly to any network attached storage (NAS) device. Welcome to the next generation of digital.

MAIN FEATURES

- **NEW VERSION 2.0 SOFTWARE**
- Intel Pentium 4 processor
- Up to 8 channels of audio
- Bandwidth Throttle
- Virtually unlimited storage capacity
- Easy-to-use interface
- Optimized and Designed for Microsoft® Windows® 2000
- Multiple Simultaneous Remote Connections
- PAN / TILT / ZOOM Controls
- Simultaneous Search, Playback and Backup
- Video Indexes for Easy Searching
- Multiple Levels of Security Access
- Up to 16 Looping Outputs
- Output the Video to a NTSC/PAL Display
- Advanced POS and ATM Support
- Continuous, Motion Detection and Alarm Recording Modes
- 720x480 / 720x240 / 350x240 NTSC Recording Resolutions
- 720x576 / 720x288 / 360x288 PAL Recording Resolutions
- Digital Watermarking
- Pre-Alarm Image Recording

SOFTWARE SOLUTIONS

- Remote Software
- Backup Viewer
- Emergency Agent
- Surveillix Central Station (NDMS)
- MDVR (Windows CE) for Pocket PC
- Watermark Viewer



- Part Number**
- KV-PCDVR
- Image Systems**
- NTSC, PAL

- Resolution**
- 720 x 480 (NTSC)
 - 720 x 240 (NTSC)
 - 360x 240 (NTSC)
 - 720 x 576 (PAL)
 - 720 x 288 (PAL)
 - 360 x 288 (PAL)

- Video Input**
- BNC x 8, 16 or 32

- Video Output**
- BNC x 16
 - RCA Composite X 1
 - VGA

- Storage Media**
- Up to 6 IDE Hard Disks
 - (960 GB)

- Critical Recording Archiving**
- CD-RW Drive
 - 1.44 Floppy Drive
 - Local Area Network (LAN)
 - DVD-RW Optional

- Recording Rate**
- 240 PPS 360X240 (NTSC)
 - 120 PPS 720X240 (NTSC)
 - 60 PPS 720X480 (NTSC)
 - 240 PPS 360X288 (PAL)
 - 120 PPS 720X288 (PAL)
 - 60 PPS 720X576 (PAL)

- Average Image Size**
- 720X480 12K
 - 720X240 6K
 - 360X240 3K

- Image Compression**
- MJPEG (Motion JPEG)

- Recording Modes**
- Schedule/Manual/Alarm/Continuous

- Pre-Alarm Recording**
- Yes, Up to 1 minute

- Audio Recording**
- RCA x 4 (for 8 /16 Channels)
 - RCA x 8 (for 32 Channels)

- Sensor Inputs**
- Up to 16

- Alarm Outputs**
- Up to 16

- Activity Log**
- Yes, exportable in txt format

- PTZ Controls**
- Yes, Internal RS-422 Adapter
 - Most Major PTZ Protocols

- Password Control**
- User Defined Access Level

- Power Interruption Recovery**
- Automatic restart after power interruption/recording operation resume

- Remote Connection**
- TCP/IP, UDP, Internet, LAN
 - WAN, ISDN, PSTN

- Remote Software**
- Full Setup Access
 - Search
 - Export Video and Images
 - Live View

- Surveillix Central Station (NDMS) Software**
- Connects up to 100 units
 - Create custom live views
 - Import maps and associate cameras and sensors to locations on it
 - Full setup access

- Power Input**
- AC 100-240V input (50Hz/60Hz)

- Weight**
- 50 lbs/22.7 kg min.120 GB

- Mounting Rack**
- 19" 4U Rackmount

KV-PCDVR 120GB Storage Capacity

120 GB		PPS	16	32	60	90	120	240
			25%	720x480	28	13.99	7.46	NA
	360x240	113	56	30	20	15	8	
50%	720x480	14	7	3.73	NA	NA	NA	
	360x240	56	28	15	10	7.52	3.76	
100%	720x480	7	3.50	1.87	NA	NA	NA	
	360x240	28	14.11	7.52	5.02	3.76	1.88	

KV-PCDVR 480GB Storage Capacity

480 GB		PPS	16	32	60	90	120	240
			25%	720x480	114	57	30	NA
	360x240	460	230	123	82	61	31	
50%	720x480	57	29	15.21	NA	NA	NA	
	360x240	230	115	61	41	31	15.34	
100%	720x480	28.52	14.26	7.60	NA	NA	NA	
	360x240	115	57	31	20.45	15.34	7.67	

KV-PCDVR 960GB Storage Capacity

960 GB		PPS	16	32	60	90	120	240
			25%	720x480	229	114	61	NA
	360x240	923	462	246	164	123	62	
50%	720x480	114	57	31	NA	NA	NA	
	360x240	462	231	123	82	82	31	
100%	720x480	57	28.61	15.26	NA	NA	NA	
	360x240	231	115	62	41	31	15.38	

All Results Listed are Record Duration in Days

PART NUMBERS

- | | | |
|--------------|---------------|---------------|
| 8 Channel | 16 Channel | 32 Channel |
| • PCDVR8 | • PCDVR16 | • PCDVR32 |
| • PCDVR8-240 | • PCDVR16-240 | • PCDVR32-240 |
| • PCDVR8-360 | • PCDVR16-360 | • PCDVR32-360 |
| • PCDVR8-480 | • PCDVR16-480 | • PCDVR32-480 |
| • PCDVR8-640 | • PCDVR16-640 | • PCDVR32-640 |
| • PCDVR8-800 | • PCDVR16-800 | • PCDVR32-800 |
| • PCDVR8-960 | • PCDVR16-960 | • PCDVR32-960 |

OPTIONAL COMPONENTS

- | Part Number | Description |
|--------------|----------------------|
| • NP-FM56USB | 56K External Modem |
| • MO-F50L | 15" LCD Monitor |
| • MO-F70L | 17" LCD Monitor |
| • MO-T17 | 17" CRT Monitor |
| • MO-T19 | 19" CRT Monitor |
| • PW-UPS | UPS Power Backup |
| • NP-4PKVM | 4 Channel KVM Switch |
| • DVD-UPG | DVD+RW Upgrade |
| • PC-POS01 | POS Interface |
| • PC-ATM01 | ATM Interface |

KV-PCDVR 480 GB Storage Capacity

These charts demonstrate the value based on different types of motion activity. Because the amount of motion activity changes from application to application, a broad range is presented. These percentages assume that only a percentage of any given day (on average) is being recorded. The following charts are based on Normal Image Quality with the total number of PPS spread over the total number of cameras.