

speco technologies®

PC-Based 8 or 16 Channel Pentaplex Digital Video Recorders with Advanced Features



High-end PC DVR
performance at the cost
of an embedded unit

DVR8PCL250 8 camera inputs

DVR16PCL250 16 camera inputs

Features

GENERAL

- True hybrid DVR provides IP camera support of most popular brands for up to 4 cameras
- Selectable software compression (H.264, MPEG-4, MJPEG)
- Digital Deterrent™ ready
- Supports POS integration
- Windows Embedded XP operating system
- 250GB standard, models available up to 4TB*
- DVD/RW standard
- 8 or 16 camera inputs
- 4 audio inputs
- Two-way audio
- 1 Gbps Ethernet interface
- 720x480, 640x480, 352x240 image sizes
- 60 & 120 fps total recording frame rate
- 60 & 120 fps total live view frame rate
- Advanced programmable motion detection with video analytics
- Pan/Tilt/Zoom control
- Password protection
- Still image save with image verification utility
- Still image print capability
- Fully integrated backup to DVD-RW
- System failure handling with UPS support (auto rebooting with file recovery)
- Auto-sensing, auto protection power supply (100~127/200~240V AC)
- 1GB RAM
- 4:3/16:9 monitor resolution support

- 32-bit color
- NTSC/PAL support
- Dimensions: 6.25" W x 11" H x 19.5" D

MONITORING (LIVE VIEW) & RECORDING

- E-Map feature allows local and remote camera, alarm input and output selection from actual multi-level maps
- 1, 4, 8, 9, 13, 16 multi-camera & full screen display modes: VGA, composite, DVI & S-Video outputs
- Adjustable multi-screen switching (3 sec to 10 sec. intervals)
- Covert camera mode (recording without viewing)
- Image quality adjustment (adjustable for individual cameras)
- Record and alarm on motion detection
- 3 different motion detection zones
- Programmable motion detection sensitivity
- Fully programmable scheduled recording (1-hour increments; daily, weekly, monthly, date, or event)
- Sensor-based recording
- Motion alarm
- Camera input detection
- Camera image adjustment (brightness, contrast, chroma, hue)
- Daylight savings time adjustment (automatically synchronized)
- Estimated recording period (remaining disk space shown on GUI and built-in HDD calculator)

*4TB requires removal of DVD-RW

PC-Based 8 or 16 Channel Pentaplex Digital Video Recorders with Advanced Features Features (cont'd)

SEARCH & PLAYBACK

- 1, 4, 8, 9, 13, 16 multi-camera display modes
- Synchronized multi-screen playback
- Full-function playback (play, rewind, fast-forward, drag & drop)
- Search filters for playback (date & time, camera, area, event, vision, POS/ATM, and log file)
- Image enhancement (brightness, contrast, gray, high pass, edge enhancement)
- Live playback with 15x image zoom/image enhancement
- Still image print capability
- External HDD supported (USB, Network, NAS)
- Live data backup to network drive (NAS)
- Offsite data archiving
- Still image save with image verification utility
- Multiple still image export
- MPEG, .AVI or Proprietary .DVR backup formats
- Simultaneous local, remote and archive video viewing

REMOTE SURVEILLANCE

- Client software (Windows 2000, XP and Vista)
- CMPC software (Windows 2000, XP and Vista)
- PDA software (Windows CE)
- Smartphone software (Symbian / Windows compatible)
- TCP/IP remote network
- Unlimited number of connections on web viewer, 1,000 DVRs can be connected on CMPC
- Remote transmission (live view, playback, file copy, audio, & event log)
- Remote control (Pan/Tilt/Zoom, auxiliary devices, alarm, & mini center)
- Unlimited connection time
- User log with search filters for remote access

SENSORS & ALARMS

- RS-232 output
- Software selectable sensor input type
- Adjustable alarm hold time (1-3,600 sec)
- Full screen mode for sensed camera
- Motion detection, video loss, voice detection, sensor trigger, abnormal event, POS keyword and alarm message alarms

- Smart Alarm Functions include launching E-Map, full screen cameras, audible warning, email notification, phone call, FTP files, SMS/MMS messaging and PTZ camera
- LCD alarm indicator on front panel
- Sensor input indicator

EVENT LOG & SEARCH

Logs:

- Sensor event
- Recording start/stop
- Date & time change
- Password change
- Settings change
- System power on/off
- System power recovery
- HDD failure, reboot
- Remote access users
- Unlimited number of events stored
- Event search filter (date & time, event, operation, system, network, POS viewer)
- Sensor event playback
- Search filter for sensor event playback (date & time, camera)
- Full or multi-screen sensor event playback

SECURITY & MAINTENANCE

- Image file encryption
- Auto rebooting after power failure
- Auto recovery of system files
- Auto recovery of data files
- Hardware watchdog (initiates conditional reboot)
- Passwords
- System access
- Set-up access (administrator)
- Remote access

**Available models: DVR8PCL250
DVR16PCL250**

Also available in: 750GB, 1TB, 2TB, 3TB & 4TB* models

**4TB requires removal of DVD-RW*

Package Includes:

DVR Unit
Power Supply
Recovery DVD

Tool Kit DVD
USB Mouse
Video Input Cable

Quick Guide
User Manual
2 Year Limited Warranty