

TEK-1000 Intelligent Dvr Cards



TEK-1004 /1008/1016 (IP and Analog)

FEATURES:

Recording and Viewing: -

Provide five recording modes:

- non-stop recording, non-stop smart recording, event recording, time-lapse recording and schedule recording. –

- Adjust brightness, contrast, saturation, and hue a clearer view. –

- Support digital zoom in to view specific areas. –

- Built-in Wide Dynamic Vision Pack

provides visibility enhancement, sharpness adjustment, and noise reduction.

Playback & Search: -

- Playback 16 video records simultaneously. –

- Search video records by camera, date, event types and time segment just in seconds. –

- Intelligent Search includes advanced motion search, and missing & left object search.

Detection: -

- Easily detect suspicious circumstances with motion detection (with object size filtering), sensor detection and manual detection. –

- Virtual Fence detection perceives intrusions when suspicious objects pass the pre-defined lines. -

- Multi-Sensor Detection allows to define one or more sets of detection regions to avoid false alarms. –

- Secure Zone Detection alarms when intrusions occur in the pre-defined secure area. –

- Flame Detection notifies users while detecting flames. –

- Flow counting shows the number of objects passing a pre-defined line or area.

Event notification: -

Send event notifications by phone, e-mail, fax, siren, flash and FTP

Manually trigger events in a full screen display. –
Attach event snapshots with e-mail notifications. –
Automatically generate event reports emailed on a daily, weekly or monthly basis.

PTZ Camera control: -

Provide advanced PTZ camera control functions. –
PTZ control overjoystick/keyboard. I/O sensors can trigger PTZ camera to preset when event happen. –
PTZ camera automatically tracks a moving object with PTZ Auto Tracking function.

Remote Viewing & Control: -

Support remote viewing via standard web browsers, PDA (WinCE) and mobile phones. –
View web cam pages at the Dynamic IP server. –
Supports remote viewing, recording, playback, DVR setup and video records retrieve.

Central Management solution (CMS): -

Remotely control PTZ camera or trigger I/O devices. - Realtime, two-way voice communication between DVR servers and clients. –
Receive event notifications from video loss, video content detection, sensor detection and manual trigger. –
Supports dual screen and 64 cameras display.

Video Input

4/8/16 analog camera (NTSC/PAL), selected IP Camera (including mega pixel camera**), or hybrid combination (of analog and IP cameras)

Audio Input 1~16

Screen Display Full screen, 1,4,6,7,9,10,13,16 Split-screen Display, Dual Monitor Display (32 Split-Screen Display)

Resolution 320*240, 640*240, (De-interlaced), 720*480/720*576 (NTSC/PAL, De-interlaced), 720*240/720*288 (NTSC/PAL, De-interlaced)

Display/Recording Rate (Per Camera)

30 FPS/25 FPS (NTSC/PAL); 60 FPS/50FPS(NTSC/PAL, available in U series Cards)

Video Compression Format H.264, HM (MPEG-4 Like), Motion-JPEG

Language English, Traditional Chinese, Simplified chinese, Japanese, Polish, Italian, French, Hebrew, Russian, Danish, Dutch, Serbian, Portuguese, Thai, etc.

Backup & Share

Backup video records manually or by schedule Directly backup recording to CD/DVD
Snapshot a video frame for printing or save it as a BMP file with Digital watermark
Digital watermark Verification Tool verifies what has been modified in surveillance video
Export video records to an AVI file or a self-executable file (.exe). The self-executable file is embedded with digital authentication and password protection

Access Control & Stability

Multiple levels of access control by cameras and by authorities
The smart File Management Technology avoids disk fragmentation and increase system stability for long term recording Provide hardware & software watchdog for system recovery
Support I/O devices up to 16 sensor inputs and 16 relay outputs.
Provide E-map that lays out the locations of video cameras, sensor and alarm devices

Others Task

Scheduling on recording, detection and notification
Auto windows&DVR long-in
HDD Failure Notification
Support Microsoft windows vista & VAC
Automatic database fix after abnormal shutdown

due to time adjustment

Support Daylight Saving and protect database from corruption