

VidiNet

Intelligent Video Surveillance Vidinet 8100



Auto Track

Fire Detection

Object Counting

Missed Object / Left Object Detection

Smart Detection & Search

on Screen PTZ

Visual Enhancement

Emap

EDS·iVIEW
SECURITY PRODUCTS



Vidinet 8100 DVR



4CH MPEG-4 Real time Network DVR

Specifications

Video Input	1~16 (NTSC or PAL)
Audio Input	1~8
Screen Display	Full Screen, 1, 4, 6, 7, 9, 10, 13, 16 Split-Screen Display, Loop Display
Resolution	320x240, 640x240, 640x480 (de-interlace) pixels, and D1 (720x480)
Display/Recording Rate	30 fps per camera (NTSC); 25 fps per camera (PAL)
Video Compression Format	Motion-JPEG, HM (MPEG-4 like)
Language	English, French, Italian, Japanese, Polish, Traditional Chinese and Turkish

Features

Recording & Viewing

Provide five recording modes: non-stop recording, non-stop smart recording, event recording, time-lapse recording and scheduled recording
 Adjust brightness, contrast, saturation and hue for 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
 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
 Missing & left object detection sends warnings when an object is left or missing from within the camera view for a period of time
 Virtual Fence Detection perceives intrusions when suspicious objects pass the pre-defined lines
 Virtual 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, email, fax, siren, flash and FTP event images
 Manually trigger events in a full screen display
 Attach event snapshots with email notifications
 Notify video loss
 Automatically generate event reports emailed on a daily, weekly or monthly basis

PTZ Camera Control

Provide advanced PTZ camera control functions, such as iris control, pan/tilt speed adjustment, autoloop/auto-pan, and PTZ control over a joystick/keyboard
 Direct PTZ Camera Control provides auto close-up on the region of interest to turn the region into a near full-screen display automatically
 I/O sensors can trigger the PTZ camera to preset positions when events happen
 PTZ camera automatically tracks a moving object with PTZ Camera 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
 Support remote viewing, recording, playback, DVR setup and video records retrieve

Central Management Solution

Remotely control PTZ camera or trigger I/O devices
 Real-time, two-way voice communication b/w DVR servers and clients
 Receive event notifications from video loss, video content detection, sensor detection, and manual trigger
 Support dual screens and 64 cameras display

Backup & Share

Backup video records manually or by schedule
 Directly backup recording files to CD/DVD
 Snapshot a video frame for printing or save it as a BMP or JPEG file with digital watermark
 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
 Centralized Access Control to simplify DVR operation in LAN
 The SmartFile Management Technology avoids disk fragmentation and increase system stability
 Provide hardware watchdog for system recovery

Others

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
 Task Scheduling on recording,

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