

WINDOWS EMBEDDED DVR

The **GENTI 16** is a Windows embedded DVR using the 2008 award winning GA-945GDSS-RH motherboard integrated with sixteen Conexant CX23883 video decoders from Gigabyte, is a powerful, effective and more reliable for digital surveillance solutions.



GENTI 16

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 event images. - 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 over joystick/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.

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Central Management solution (CMS): - Remotely control PTZ camera or trigger I/O devices. - Real-time, 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.

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 camera and by authorities. - Centralized Access Control to simplify DVR operation in LAN. - The SmartFile Management Technology avoids disk fragmentation and increases system stability. - Provides hardware watchdog for system recovery.

Others: - Provides E-map that lays out the locations of video cameras, sensor and alarm devices. - Task scheduling on recording, event detection and event notification. - Auto Windows & DVR log-in.

SPECIFICATIONS:

	Genti 16				
Video Input	BNC x 16				
Audio Input	16 (RCA)				
TV System	PAL & NTSC				
Compression Format	Motion-JPEG, HM (MPEG-4 like)				
Alarm Input	16 TTL				
Control Output	16 TTL				
Language	English, Traditional Chinese, French, Italian, Japanese, Polish and Turkish				
Network Interface	10/1000 Ethernet (auto-sensing); 1 RJ45 connector				
Recording Rate	480 fps (NTSC)	400 fps (PAL)			
Screen Display	Full screen, 1, 4, 6, 7, 9, 10, 13, 16 Split-screen Display, Loop Display				
Display Resolution	720x480HD/720x576HD, 720x480/720x576, 720x240, 640x480HD, 640x480, 640x240, 320x240				
Notification	Notify Video Loss				
Hard Disk	750 GB				
Detection	See features/Detection				
Power Supply	110 - 230 VAC				
Power Consumption	150W max				
Operation Temperature	0° to 40°C				
Relative humidity	10-90 percent, noncondensing				

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