

Hybrid Digital Event Recorder

Created with Pride in the United States of America

Most Advanced & User-Friendly Features

Sigmax Hybrid Digital Event Recorder (HDER) and Center Management System (CMS) are designed from the perspective of **security professionals with IT proficiency** in mind.

Sigmax systems provide the most efficient solutions to ever-demanding needs of security professionals ranging from a small grocery store to a city-wide installation. Our solutions are comprehensive and remain yet so simple to use that both IT and security personnel can appreciate.

Sigmax's Advantages

- Up to 16 analog and 16 IP cameras can be connected to a single server.
- Support most major leading manufacturers' IP cameras (including mega-pixel ones).
- Higher Screen Resolutions, 1280 x 1024 default, up to 2560 x 1600 (optional).
- Dual monitor support, up to 8 display monitors (optional).
- Multiple camera display modes up to 36 cameras per screen for both live view and playback.
- Drag and drop picture in both live monitoring and playback mode to form a useful video group.
- Pan / Tilt / Zoom Preset and Auto-Tour functions for most PTZ cameras — PTZ control speed adjustable for almost all models.
- Smart motion detection — Sensitivity, noise-tolerance, motion block, pre-post dwell time.
- Integration with Access Control, Alarm I/O, and other IP-based systems (optional).
- **POS/ATM interface (optional)** — Compatible with over 700 different POS/ATM/cash registers and over 20 years of know-how.

<http://www.sigmaxsecurity.com/POS.aspx>



- **Data mining** supported.

- **Exception Report** — Greatest tool to improve loss prevention. Alert authorized users of exception event in real time and/or report all exception events at the end of day for review.
- Interface with industrial, commercial, and medical electronic measurement equipment — Our senior Electronics/IT engineer team will work with you on project where Video/Audio/Data integration is crucial to you (e.g. Electronic weight scale, Flow meter, EKG/ECG, Radar gun, Time Clock, Auto-ID system, Biometrics, etc).
- Instant review — Instant playback of any event on the event list without interrupting live view.
- Two way audio communication.
- Audio recording — Two channel standard; optional all channel audio for as many cameras.
- Internal storage space — Up to 20 TB, RAID optional.
- Network Storage Servers (NSS) support — User can program any storage drives of any NSS to be an extended storage or duplicate back-up copy to any HDER on the network.
- File integrity — User can mark important recorded files for non-recycle; rebuild data file in case of file corruption due to power loss or any other reason.
- Powerful search and playback function — Search by timeline, event, text stream, exception, alarm, audio signal, snapshots; playback in multiple display mode, full screen, various speed, text overlay turned on/off, synchronized audio,
- Easy video exporting — Exporting single or multiple video images in JPEG or AVI format with audio and text overlay. Digital authentication available. It is easy, fast, and self-explanatory.
- Event notification — Video pop-ups, audio warning, on-screen visual alert, and email messaging (with snapshots) on exception, motion, alarm, video loss, network failure, HDER down, etc.
- Remote access via cellular phone, web browser, Sigmax “Remote Lite”, Sigmax CMS.
- Central Management System with multi-site multi-HDER Layer-structure — Greatly simplified the complexity of managing thousands of cameras across multiple sites.
- User authorization management — Most comprehensive and self-explanatory in the market.
- Video profile setup — Drag and drop camera pictures to form a meaningful video profile. Create and manage as many video profiles as you need.
- Free software upgrade via Internet (within same category, e.g. same 4.X.X.X) and unlimited number of remote client access as long as the network traffic support it.
- Easy HDER and CMS system configuration backup and restore.
- System activity log, alarm/ motion/ exception event log.

- Built-in daily health check-up function.
- Automatic restart when A/C power resumes. Built-in hardware and software watchdog.
- Highest Product Quality — Only market proven quality parts used, all systems with 7-day burn-in and rigorous function check and re-check by experienced senior engineers.
- Superior technical support — Seasoned field-experienced engineers are available to you only a phone call or e-mail away.