

OBSERVER™ High capacity Video/Audio Recording & Management System

Observer™ integrates exceptional synchronized video & audio quality, long-term storage architecture, advanced events management module and intelligent networking features to deliver the most comprehensive security system for complex & sensitive security applications.

Observer™ is the ultimate security solution where Real Time and High Quality Video recording are required such as Casinos, Airports, Correction centers, Town Surveillance, Critical Sites, Enterprise Solutions etc...

Outstanding performances

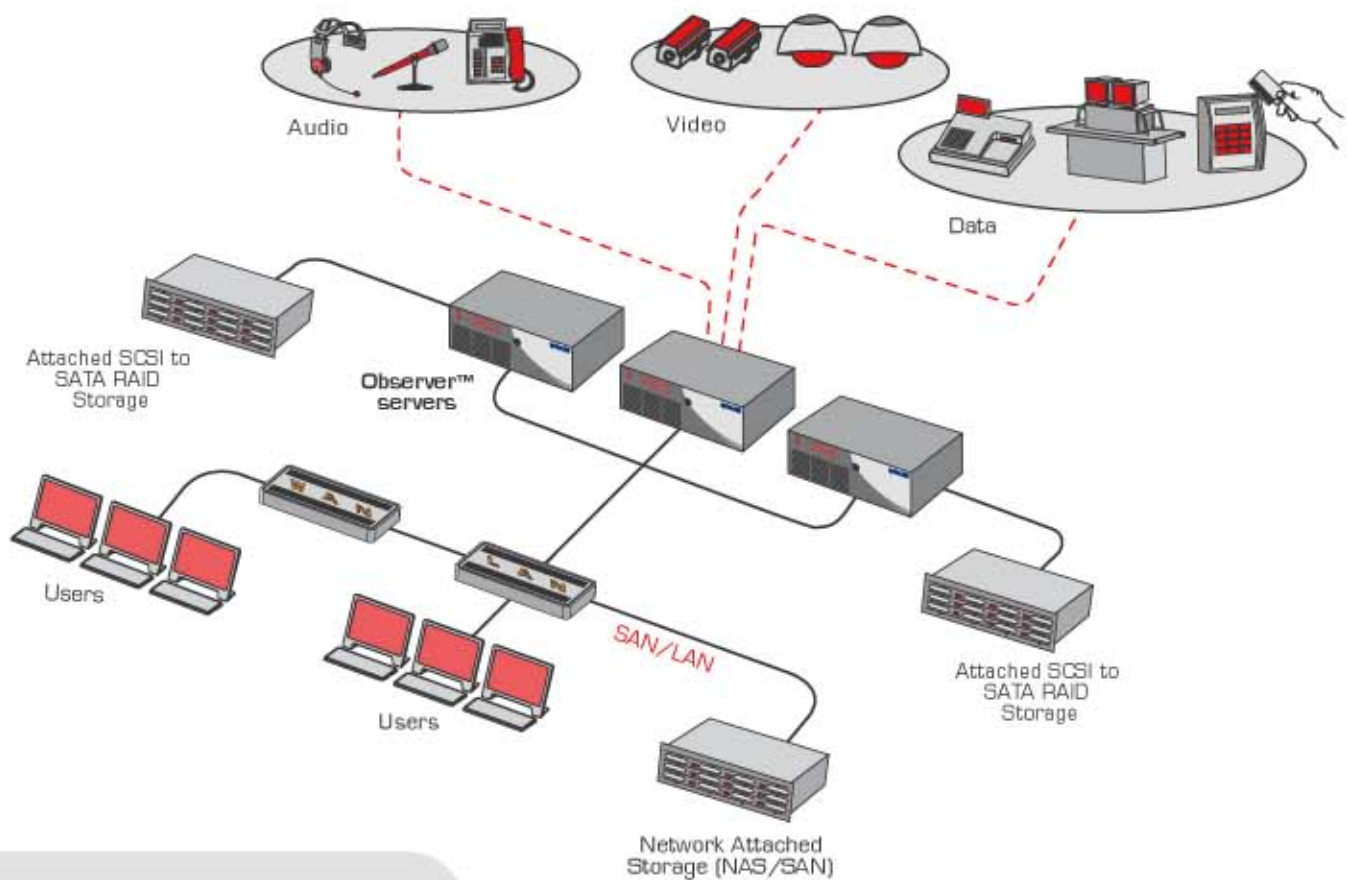
- Advanced H.264/MPEG4 hardware based video compression
- Up to 32 video & 32 audio inputs per server
- Real time recording of 30fps (NTSC) / 25fps (PAL) per channel
- Full resolution/4CIF recording per channel
- Up to 1.6 TB internal storage and 25TB external storage per unit
- Embedded Linux OS for total security & reliability

Features Highlights

- Individual recording period setup per camera
- Powerful Management Module for automatic events handling and decision-making
- Management & Control with multi-layered active site map
- Instant playback of the latest 5, 15 & 30 seconds recorded
- Smart Video Motion Detection algorithm
- Intelligent search of recorded video
- Digital Zoom available on Live & Playback
- Redundancy & backup of all recorded data
- Watermark: all recorded images for temper proofing are digitally signed
- Multiple authorization levels per users privileges, cameras, servers.
- Remote access via Internet Explorer



OBSERVER™



Product Specifications

Operating system

- Embedded Linux

Video/Audio Inputs & Outputs

- 8-16-24-32 video inputs per unit
- 8-16-24-32 audio inputs per unit

Video Compression

- H.264 (MPEG 4/Part 10)
- Variable Compression rate per channel up to 4096Kbps
- Up to 30fps (NTSC) / 25fps (PAL) per channel
- Video resolutions: 4CIF, 2CIF, CIF
- Watermark authentication

Audio Compression

- Ogg Vorbis audio compression
- 16KHZ sampling rate
- 16 Kbps output bitrate

Storage

- Up to 1.6 TB internal storage
- Internal RAID data backup
- Internal CDRW drive
- External storage capacity up to 25TB per unit
- Configurable storage period per recording channel
- Network Attached Storage (NAS/SAN) options

Search options

- By Intelligent search
- By VMD zone
- By inputs
- By camera
- By date and time

Devices control

- PTZF/Dome control through RS-485
- 16 alarm inputs, 8 outputs
- External analog matrix control

Communication

- Transmission protocol: TCP, UDP & Multicast
- Adjustable video compression to network available bandwidth
- ADSL dynamic IP support
- Multisite over ADSL

General

- Standards: CE (EN60950, 61000, 55024)
- FCC part 15 class A, UL
- Power Source: 90-240VAC, 60/50 Hz
- Dimensions: 480mm (width), 520mm (length), 180mm (height)
- Operating temperature: 0-45°C
- Warranty: 36 month