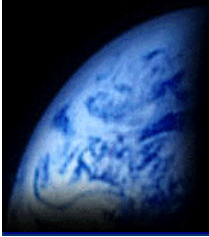


Centro Hybrid CCTV System

PC BASED HYBRID DVR upto 8 Camera's





Centro Hybrid CCTV System

HYBRID PCDVR

Hybrid NVR-Support both IP and Analog cameras

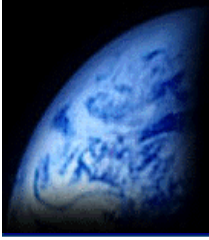
- ◆ Fresh & New User Interface
- ◆ Versatile Video Sources - IP Camera & Remote DVR Camera
- ◆ True D1 Resolution
- ◆ Smart Alert Functions: SMS, PTZ Tracking, Alarm SOP wizard, Launch E-map
- ◆ Remote Access Anytime Anywhere
- ◆ Advanced Event Log Viewer
- ◆ Supports for Additional POS Devices

Video Feature

- ◆ 4~ 16 composite video inputs (BNC connectors)
- ◆ 4 audio input channels (Option)
- ◆ Video Format: NTSC and PAL
- ◆ Support 352x240 and 720x480/720x576 pixels (NTSC & PAL)
- ◆ 1 composite TV out terminal (RCA Jack)

Display

- ◆ Compact mode and Advanced mode
- ◆ Auto Scan with full screen display under 1, 4, 8, 9, 13, 16-camera display modes
- ◆ Digital zoom in for specific area
- ◆ Pan/Tilt/Zoom (PTZ) cameras: PTZ script is available for adding new protocols
- ◆ Auto Gain Control (AGC) balance image quality
- ◆ Night view ability
- ◆ Noise reduction filter
- ◆ Advanced System Settings
- ◆ Attention Please! (patent-pending): Enable dialogs to trace if operator pays attentions to security monitor
- ◆ Desktop Lock: To keep focus always on DVR surveillance system and prevent any other operation not related to surveillance
- ◆ Daily status report to specified e-mail accounts



Centro Hybrid CCTV System

Recording

- ◆ Choice of HDD 250GB, 320GB, 500GB
- ◆ Support 352x240 and 720x480/720x576
- ◆ Two types of de-interlace method: optimized for static scene or dynamic scene
- ◆ Recording modes: Alarm trigger / Motion Detection / Smart / Audio Detection / Continuous / Schedule recording
- ◆ Programmable masking zone blank under recording modes
- ◆ Intelligent shield protects privacy
- ◆ Auto recycling when storage disk is full
- ◆ Live HDD size estimation tool
- ◆ Support network storage devices

Search & Playback

- ◆ Real time playback: immediate access playback
- ◆ Powerful search: by date, time, camera, area, event, vision, and log file
- ◆ Bookmark function for quick link
- ◆ Complete playback control: playback, backward playback, fast forward/backward playback, forward/backward frame-by-frame playback
- ◆ Digital zoom in for specific area
- ◆ Export single frame to BMP file and print out
- ◆ Output "AVI" file for video clip

Remote Access

- ◆ Simultaneous multiple remote LIVE surveillance via standard web browsers
- ◆ Center Management System: connect up to 1000 DVRs
- ◆ Remote monitoring / recording / playback
- ◆ Remote PTZ control
- ◆ Remote setup
- ◆ Remote Emap
- ◆ 2-way audio
- ◆ PDAViewer monitor video and audio
- ◆ Smartviewer(for Symbian/Windows Smart phone)
- ◆ DDNS function
- ◆ UPNP



Centro Hybrid CCTV System

Backup

- ◆ Schedule or manual
- ◆ Remote backup program
- ◆ Direct burn to CD/DVD-RW

Schedule

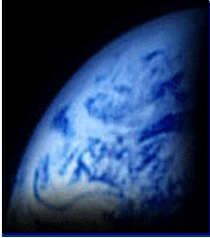
- ◆ Record, Network enable, backup, reboot, alarm, and relay control
- ◆ Scheduled setting break down to 15- minute
- ◆ One time or weekly repeat schedule

E-map

- ◆ Showing the positions and status of camera, sensor, and relay
- ◆ Extend to 8 maps

Instant Alert

- ◆ 4 sensor inputs and 4 relay outputs controls per set
- ◆ Multiple alarm trigger modes: video loss, motion detection, sensor input, missing & suspicious object, POS keyword, HDD fail, alarm message
- ◆ Joint condition to prevent false alarm
- ◆ Real time notification: Email / Phone Call / SMS / MMS / PTZ tracking / TV-out / Alarm SOP / EMAP / PTZ tracking / 3rd party program
- ◆ Reset alarm status both on local and remote side
- ◆ Rest alarm by sensor



Centro Hybrid CCTV System

Camera Specification

External Day/Night IP66 compliant Camera

Armoured Fireproof and Vandalproof

IP66

Quality 1/3" Colour Sony Super HAD **HI RES** CCD

550TVL

4-9mm Vari focal lens



Internal Day/Night Camera

1/3" COLOUR SONY SUPER HAD 1/3" CCD

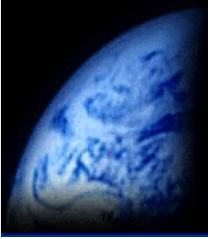
0Lux (20M Range): LED ON [22pcs LED]

0.1Lux (F/1.2): LED OFF

3.6MM LENS

Excellent picture quality -





Centro Hybrid CCTV System

Supply and Install Hybrid CCTV System

The system is to be based on 8 cameras and a Hybrid PCDVR system with a 500GB HDD. 4 external Dome cameras, and 4 Internal cameras 2 on each floor inside the building with standard BNC video output. CAT5 cabling to be used, with cat 5 points presented at the location of the cameras. The PC DVR is to be installed in the computer room/comms room, or where the Cat 5 cable is terminated, and will be backed up with a UPS. We will also configure the DVR to be viewed from any internal computer with an internet browser, and we will also configure the system to be viewed remotely from anywhere in the world, providing the broadband connection has a static IP address.

The Installation will take approximately 2 days.