

# CELOTRON EAGLE HYBRID

## PENTAPLEX H.264 32CH STANDALONE ANALOG / IP- CAMERA DVR



**EAGLE HYBRID is the most advanced H.264 standalone 32-channel NVR developed for all industrial applications. In addition to its smooth professional design, it is very reliable and cost effective. Most of all, its full D1, realtime and crystal clear picture quality with small recording file size and powerful remote control function with high speed transmission over network will become the standard to which other security systems are judged.**

### **Major features include:**

- ▶ Real time live, real time recording (D1 resolution on all 32 channels)
- ▶ 16 channels input for analog camera and 16 channels for IP camera / video server
- ▶ PENTAPLEX : simultaneous Live, Recording, Playback, Backup, Network
- ▶ Extremely small recording file size using H.264 compression technology
- ▶ Adjustable recording frame rate, resolution and picture quality
- ▶ Video backup via USB or DVD burner
- ▶ Support Authentic Video Image Player
- ▶ High speed network transmission
- ▶ Dynamic / Static IP address support, Own Client (IE based NetViewer) / Web Browser (WebViewer) support
- ▶ Remote recording, still image capturing and printing
- ▶ Multiple DVRs and multiple clients support for CMS application
- ▶ PTZF camera control by RS-485 and via network
- ▶ Independent color adjustment for each camera input and VGA output
- ▶ USB Mouse and IR remote control unit for user interface
- ▶ Self-diagnosis system and Hardware Watchdog : error checking and restoring functions
- ▶ Powerful event search function (Search by manual, schedule, motion, sensor, network or all)
- ▶ Pre-Alarm Recording for motions and sensors
- ▶ Protect Video/Audio files from HDD Overwrite
- ▶ Still image capturing and printing during live or playback
- ▶ System & Event Log files management
- ▶ Configuration data copy to other channels for easy setup
- ▶ Configuration file Export / Import for easy installation of multiple DVRs
- ▶ DVD Burner, USB and Network for data backup
- ▶ Composite video, Spot video, S-Video and VGA output
- ▶ External HDD array support

## H.264 PENTAPLEX HYBRID STANDALONE DVR

CATEGORY		4 CH (PDVR-4500)	8 CH (PDVR-8500)	16 CH (PDVR-16500)
Analog Video	Input	4 BNC, 1V 75 Ohm	8 BNC, 1V 75 Ohm	16 BNC, 1V 75 Ohm
	Output	1 BNC, S-Video, VGA		
	Spot monitoring output	Yes		
	Auto-Loop Throughout	4 BNC, 1V 75 Ohm	8 BNC, 1V 75 Ohm	16 BNC, 1V 75 Ohm
Analog Audio	Input	4 Channels	8 Channels	16 Channels
	Output	1 RCA		
IP data	Compressed data from IP Cam.	4 Channels	8 Channels	16 Channels
Display	Display FPS (NTSC/PAL)	240 FPS	480 FPS	960 FPS
	Display Resolution	720 X 480 (NTSC), 720 X 576 (PAL), up to 1920 x 1080 (VGA)		
	Screen Split Mode	Full, 4/9/16/32 Split		
	PIP and Zoom	1 / 2 / 3 PIP, Zoom		
Pentaplex Mode		Simultaneous Live, Recording, Playback, Backup, Network		
Recording	Video Compression	Real-time full duplex H.264 hardware codec		
	Frame rate	Adjustable frame rate for each channel		
	Video Resolution (NTSC/PAL)	D1, Half D1, CIF		
	Recording Ways	Manual, Schedule, Event (internal motion, external sensor), Network driven		
	Recording FPS (NTSC/PAL)	D1 240/200 FPS	D1 480/400 FPS	D1 960/800 FPS
	Still Image Capture	Live or Playback Image Local Capture and Backup for legal evidence		
	Internal Hard Drives	SATA, 2 internal HDDs supported		
	External Hard Drives	E-SATA		
Remote Monitoring / Control		Remote View and Control via High speed Internet		
		Dynamic / Static IP support, Own Client / Web Browser support		
		IE based Enterprise level CMS for Remote View & Full Control		
		Multi DVR & Multi Client support		
		Live Viewer, Backup Viewer, Event Monitoring in unified CMS		
Playback	Playback Screen Mode	Full, 4/9/16 Split		
	Search Mode	Search by Manual, Schedule, Motion, Sensor, Remote REC or Date/Time		
Alarm Control	External Sensor Input	4CH NC / NO	8CH NC / NO	16CH NC / NO
	Alarm Output	Internal Buzzer, OSD, Internal Relay (Combined with External Device)		
Network	Protocol	TCP/IP; RJ-45		
	Resolution	Full D1, Half D1, CIF		
	Remote Control	Fully functional remote client software		
	Viewer	Own Application or Web browser		
	Recording	H.264, JPEG Still image Capturing		
Data Backup		Ethernet, DVD-Burner, USB 2.0		
		H.264 format with Authentic Image Player		
Others	Protect Video / Audio files	Protect Video / Audio from HDD overwrite		
	Configuration File / Data Copy	Configuration file Import / Export to USB, Camera Setup Cloning		
	Control	Buttons, IR Remote Control, USB Mouse, Ethernet and RS-485 for PTZF Camera		
	Event Log & Pre-Alarm Record	System and Event Log management, Pre-recording for Event (Motion, Sensor)		
	Power Supply & Dimensions	DC 12V / 6.7A, 430 x 358 x 75 mm (17 x 14 x 3 inch)		
	Approval	FCC / CE		