

KOBI[®]

H.264 XQ PRO Series

DIGITAL VIDEO RECORDER

16Ch 400fps with NAS Storage & iPhone Viewing



Main Features



- Powerful 400fps Recording Performance - CIF (320x288) Base
- MAX. 4 HDD built-in (can support up to 6TB) / SATA Type HDD support
- Each Camera Resolution(720x576, 720x288, 320x288), Image quality and Frame rate can be controlled
- User Friendly Control by USB Mouse, Remote Controller and Keyboard



- Maximized Security Efficiency by Live Image Edition, Digital Zoom (2x), 2 Spot Monitor
- Optimal Recording Mode with Event, Enforcement and Schedule Recording
- Various Search Engine Support like Time, Calendar and Event



- Multifarious Backup Devices : USB 2.0, DVD-RW and Others (CD/ DVD-RW, Memory Stick, Network Backup, USB HDD)
- Self-Diagnosis and Notification of System Status with S.M.A.R.T interface
- Multi-Language available (English, Japanese, Chinese, French, Spanish, Portuguese, Danish, Italian, Turkish, Polish, Russian, Taiwanese and Korean)



- Strengthen Security Management by 9 Levels
- Fastest 10/100 Base-T Networking



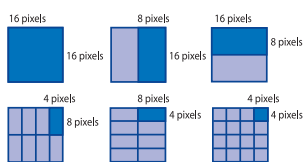
- Various Network S/W Support for REMOTE, CMS, AGENT, PDA, WEB and 3G Phone
- Simultaneous Monitoring on 64CH, Max. 128CH Watching by Dual Monitor, e-MAP, Alarm & Event by CMS
- Great Storage Backup (Up to 16TB) through NAS (Network Attached Storage)
- Free DDNS Service for Offsite Viewing

Central Monitoring System Support For 64Ch

- CMS (Central Monitoring System) is the Integrated Management Software which can perform various remote controls such as remote surveillance, remote playback and remote backup for a number of DVRs.
- CMS can monitor 64CH simultaneously in real time and the efficient management can be supported with Dual Monitoring.
- CMS provides the optimized control system through strengthened Alarm, Event, Setup, Group Mapping and e-Map.

Professional Series

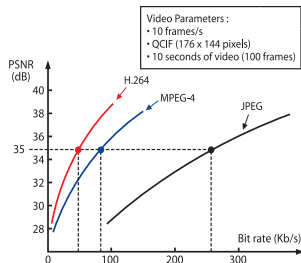
16ch 400fps DVR



H.264 Motion Compensation Blocks



H.264 Compensation Block Pattern



Comparison Between H.264, MPEG-4, and JPEG (picture quality vs. bit rate)



** The graph shows just one example of comparing bit rates at which JPEG, MPEG-4, and H.264 images can be transmitted. Actual bit rates for transmitting data using these three compression formats differ with image quality and image size settings.

Specifications

Items		XQ-P1600H	
Camera Input / Loop Out		16/16	
Camera Output		1CH Composite, S-video	
VGA Output		1CH	
Spot Out		2CH	
Compression		H,264	
Audio In / Out		4in / 1out(Compression : G, 723)	
Record	Speed	NTSC	480fps
		PAL	400fps
Playback	Speed	NTSC	480fps
		PAL	400fps
OS		Embedded Linux	
Pentaplex		Live, Recording, Playback, Networking, Backup at the same time	
Network	Interface	10/100 BaseT(1EA)	
	Protocol	TCP/IP(DHCP, Static IP), PPPoE	
	Program	REMOTE, CMS, AGENT, PDA, WEB	
	Speed	MAX, 480fps	
Backup	Device	USB 2.0, DVD-RW, Memory Stick, Network Backup	
	File	AVI, Independent Format	
HDD		MAX. 4EA HDD / Record up to 6TB	
Pan/Tilt, System Keyboard		RS-485	
Sensor (In/Out)		16/4	
Control		Front Buttons, Jog Shuttle, IR Remote Controller and Mouse	
OSD		GUI, Multi Language	
Dimension		434(W) x 407,3(D) x 87(H) mm	
Operation Temperature		0~45°C	
Operation Humidity		5~85%	
Weight		7kg(Without DVD-RW, HDD)	
Power		A/C 115/230VAC, 60/50Hz	

iPhone Remote Viewing



Dimensions

