

FUTURE H.264 SYSTEM



DVR

Viewable from iPhone BlackBerry



SPECIFICATION

VIDEO

Video Input	4 Channel
Input Level	1.0 Vp-p±10% Composite, 75Ω Balanced
Video Standard	NTSC / PAL
Main TV Output	2Vp-p Composite, 75Ω Balanced
Spot TV Output	2Vp-p Composite, 75Ω Balanced

AUDIO

Audio Input	1 Channel
Input Level	0.5Vp-p, 75KΩ
Audio Output	1 Channel

OS

Operating System	Embedded Linux for Maximum Reliability
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INTERNET TRANSMISSION

Video Compression	H.264 (Internet Transmission: H.264)
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REALTIME DISPLAY

Display Resolution	NTSC: 720x480(D1), PAL: 720x756
Maximum Display Speed	100 / 120 fps
Screen Split Control	1 / 4 / SEQ
Mode	Zoom x 2, PIP, Auto SEQ

RECORDING

Compression	H.264 Hardware
Resolution (Pixels)	NTSC: 720x480, 720x240, 360x240 PAL: 720x576, 720x288, 360x288
Maximum Recording Speed	NTSC: 120fps (360x240) PAL: 100fps (360x288)
Mode	Normal, Motion, Alarm, Schedule
Picture Quality	5 Levels (Highest, High, Normal, Low, lowest)
Pre-Alarm Recording	16MB (10 secs)
Water Marking	Encryption

PLAYBACK

Display	1, 4
Speed	NTSC: 30fps (720x480), 60fps (720x240), 120fps (360x240) PAL: 25fps (720x576), 50fps (720x288), 100fps (360x288)
Search	Time, Event, Calendar
Speed	Normal, REW & FF (2x, 4x, 8x, 16x, 32x, 64x), Pause

STORAGE DEVICES

Internal Storage	More Than 2TB, 3 x SATA HDDs Or 2 x SATA HDDs & 1x Internal DVD-Writer
External Storage	1 x External e-SATA Interface

BACKUP

Internal Device	1x DVD-RW
External Device	USB 2.0 Device, Remote Network Backup

MULTI-REMOTE SURVEILLIANCE

Monitoring Environment	WEB, Client SW, Central Monitoring SW (CMS)
PDA / HP (3G,GPRS) Monitoring	Built-In 3G, Supports Windows Mobile 5.0 / 6.0 And Symbian
Remote Operation	Virtual DVR-Same As Local OSD
Real Time & Search	Max.5 Clients Accessible

SYSTEM MONITORING & RECOVERY

System Logging	System Logging (Power Failure Checkable)
Monitoring	Watchdog
Recovery	Auto-Reboot By Watchdog, Automatic File System Recovery

ALARM

Sensor Input / Alarm Output	4 Sensor in / 1 Alarm out
Motion Detection	Available At Each Camera Multi Detection Level

CONNECTOR

Video Input	BNC 4 Port
Audio Input	Line RCA 1 Port
Audio Output	Line RCA 1 Port
Spot Monitor output	BNC1 Port
Alarm / Sensor	Terminal Block
Relay Output	Terminal Block
PTZ	Terminal Block-RS-485, Protocol Supported PELCO-P, PELCO-D, etc.
Ethernet	RJ-45 Modular Jack, 10 / 100Mbps Fast Ethernet
Devices	1x USB 2.0 (Back),
VGA Output	Dsub-15 Female (Optional)

Others

DVR Controller	IR Remote Control, USB Optical Mouse
OSD	GUI (Graphical user interface)
PC Viewer	Direct monitoring of DVR's HDD on PC
Pentaplex (All functions)	Live, Record, Playback, Network, Data Backup (Supported At The Same Time)
LANGUAGE	Multi-Language Selection

ELECTRICAL

Power Source	External Adaptor, INPUT: AC100-240V, OUTPUT: DC12V(5A)
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ENVIRONMENTAL

Operating Temp.	5°C~ + 45°C
Storage Temp	-5°C~ + 45°C
Humidity	30~80%RH (Non-Condensing)

PHYSICAL

Dimension (mm)	275(L) x 225(W) x 50(H)mm
Weight	±1.1KG (With 1 x HDD & DVD-Writer±3.5KG)

*Specification Change Without Further Notice