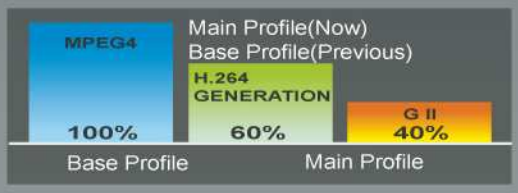
iCATCH
You Are Secure.

H.264 MAIN PROFILE
DVR 411L

SAVE YOUR BUDGET & SPACE

Standard H.264 Codec | D1 live / recording | Mobile view | CMS | PTZ | IE | DDNS | VGA | SATA | Remote control | Mouse | DVD | USB



VGA ON Board
With high resolution by all in one device

EZ DDNS
Only 2 steps, monitoring in 10 seconds.

CMS

Touch Panel

Triple Stream
D1 H.264 Local Record
CIF H.264 Remote View
CIF Mobile View
by iPhone, Blackberry, Symbian,
Windows Mobile, JAVA, Android
See more clearly, Transmit much faster

D1 Real Time Recording

Local site : D1 with clear and high quality.
Remote site :CIF with fast transmission speed.
Mobile site : CIF with fast transmission speed.

CIF / Half DI / DI Recording Individually

- H.264 Main Profile Compression Technology, which save 20% or more recording size than traditional H.264 Baseline Profile codec.
- 2 USB allows to operate DVR by mouse or touch panel screen.
- 4CH Real-Time display on 120fps/NTSC or 100fps/PAL.
- Triple Stream, recording at D1 and viewing at CIF remotely
- Watermark & Scrambling examination to verify recorded files.
- CMS (Central Management System) supports unlimited DVR/ cameras with PTZ controls.
- DIDO/PTZ/RS-485 supported.
- Intelligent 3G/GPRS Mobile Surveillance: Symbian, Windows Mobile, JAVA, iPhone, Blackberry, Android.
- GUI with 32 bit True Color
- Upgrade Firmware by USB or Network
- SATA devices supported.
- Smaller size allows user to work efficiently and save space.

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Model			411L
Video	Camera input (NTSC, PAL)		4
	Output		1BNC, 1VGA
Audio	Audio input		1 RCA
	Output		1 RCA
Sensor In (NO, NC)/Relay out			4 Sensor In 1 Relay out
USB			1x USB2.0, 1x USB1.1
Operating System			Embedded Linux OS
Account			1 Adminstrator + 2 users
Search (Event Criterion)			N/A
Display	Speed		120 fps
	Resolution (Pixel)		720 X 480(NTSC), 720 X 576(PAL)
	Split screen		1, 4, SEQ.
	Mode		Zoom (Digital 2x~8x), PIP, Auto SEQ.
Recording	Compression		H.264 ASP (Internet Transmission: H.264)
	Dual Stream Resolution Pixel	Main (Recording)	704 X 480, 704 X 240, 352 X 240 (NTSC) / 704 X 576, 704 X 288, 352 X 288 (PAL)
		Sub (Network)	352 X 240(NTSC), 352 X 288(PAL)
	Picture quality		5 levels (Highest, High, Normal, Basic, Below Basic)
	Mode		Manual, Motion, Sensor, Schedule
	Speed	NTSC	30 fps(704 x 480) , 60 fps(704 x 240) , 120 fps(352 x 240)
		PAL	25 fps(704 x 576) , 50 fps(704 x 288) , 100 fps(352 x 288)
	Pre-Alarm		10 SEC
	Post-Alarm		1 ~ 60 SEC
	Water Mark		YES
Playback	Display		1, 4
	Search mode		Date, time, event (motion/sensor), camera
	Zoom		N/A
	Snapshot		N/A
	Speed		Normal, REW & FF (recorded speed x2, x4, x8, x16, x32, x64), Frame to frame, Pause
	Device		Internal HDD
Network	Network Interface		Ethernet
	Protocol		TCP/IP, SMTP, HTTP, DHCP, PPPoE(ADSL)
	Serial Communication		RS-485
	Application		Windows XP/VISTA/7(PC Client system)
	Remote Software		Licensed Application Software, IE Browser
	CMS		Unlimited (Depends on bandwidth)
	3G / GPRS		Symbian, Windows Mobile, JAVA, Blackberry, iPhone, Android
	Event transport		E-mail notification
Backup	Interface		USB 2.0 or SATA
	Audio Backup		YES
	Backup device		Network Backup / USB flash drive
Alarm	Motion Detection		Each control / channel
			Sensitivity : 10 levels for each channel
			Area : Programmable motion detection area for each camera individually
	Alarm Hold time		1 ~ 60 SEC
	Event log		Up to the 10000 events (Sensor, Motion, video Loss, power on, remote login, logout, HDD error, HDD full)
OSD & DVR Control	GUI		32 bit True Color
	Multi Lanuage		18 (English, Traditional Chinese, Simplified Chinese, Japanese, German, French,Spanish , Portuguese, Italian, Russian, Greek, Korean, Polish, Hungarian, Hebrew, Thai, Dutch, Persian)
	USB Mouse		YES
	Touch Panel		Support USB Touch Panel
	Remote controller		IR remote control (1 Device)
	Upgrade		USB / Network
	Key Function		N/A
	Camera Title		Multi Languages
	Pan/Tilt Camera		Control From RS-485 Interface (Pelco P, Pelco D, Samsung, LG, LiLin)
Others	Internal HDD		Supports 1 SATA Device
	External HDD		N/A
	Auto switching		Switching time : 1 ~ 999 sec
	Dimension (mm)		300(W)x46(H)x175(D)
	Weight (Without HDD/DVD±RW)		1.2KG
	Adaptor		Input 100~240V, Output 12V 3A
	Power Source		36W

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SUBJECT CHANGED WITHOUT NOTICE

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