

# IPX-L4



Powered by AllLink™

- Plug & Play - No port forwarding, no DDNS configuration
- Cost Saving - Maximized P2P connectivity
- Security - 2-step authentication, E2E encryption
- Video Quality Assurance - FluX technology

## Key Features

- Supports H.265 codec
- Supports 4K display - 1M, 2M, 3M, 4M, 5M, 4K
- Up to Max. 4K recording - Up to 8M(Depend on IP Camera)
- Supports Various IP Camera by ONVIF - Third Party camera by ONVIF Max. 2EA HDD
- Supports VA - Various Video Analytics function
- Supports P2P - Direct connection without network setup by QRcode scan.
- 2EA Network Port(WAN/LAN)

MODEL		IPX-L4		
CHANNELS		4CH	8CH	16CH
Video	INPUT SIGNAL	4 x IP Camera (Max 8MP)	8 x IP Camera (Max 8MP)	16 x IP Camera (Max 8MP)
	MAIN MONITOR	VGA or HD Display	VGA or HD Display	VGA or HD Display
	MAIN MONITOR RESOLUTION	2160p / 1080p / 720p / SXGA	2160p / 1080p / 720p / SXGA	2160p / 1080p / 720p / SXGA
	SPOT	-	-	1
	MOTION DETECTION	Yes (From IP Camera)	Yes (From IP Camera)	Yes (From IP Camera)
AUDIO	INPUT SIGNAL	4 CH (From IP Camera)	8 CH (From IP Camera)	16 CH (From IP Camera) 1 CH
	OUTPUT SIGNAL	1 CH	1 CH	1 CH
	MICROPHONE	1 CH	1 CH	1 CH
	CODEC	G.711	G.711	G.711
RECORDING	CODEC	H.265	H.265	H.265
	REC. RATE	MAX. 30 FPS@8MP/CH (Depend on IP Camera)	MAX. 30 FPS@8MP/CH (Depend on IP Camera)	MAX. 30 FPS@8MP/CH (Depend on IP Camera)
	REC. RESOLUTION	MAX. 8MP (Depend on IP Camera)	MAX. 8MP (Depend on IP Camera)	MAX. 8MP (Depend on IP Camera)
ALARM I/O	ALARM INPUT	4 CH (IP) + 2 CH (Internal) (Depend on IP Camera)	8 CH (IP) + 2 CH (Internal) (Depend on IP Camera)	16 CH (IP) + 2 CH (Internal) (Depend on IP Camera)
	ALARM OUT	4 CH (IP) + 2 CH (Internal) (Depend on IP Camera)	8 CH (IP) + 2 CH (Internal) (Depend on IP Camera)	16 CH (IP) + 2 CH (Internal) (Depend on IP Camera)
STORAGE	INTERNAL HDD	2EA(SATA)	2EA(SATA)	2EA(SATA)
	EXTERNAL STORAGE	YES (eSATA, NAS(for Backup))	YES (eSATA, NAS(for Backup))	YES (eSATA, NAS(for Backup))
	INTERNAL ODD	none	none	none
HUB	USB	2ports	2ports	2ports
	RS-485	1	1	1
	RS-232	1	1	1
	LAN	8 (IP Camera, POE(802.3at)) + 1 (LAN) + 1 (WAN)	8 (IP Camera, POE(802.3at)) + 1 (LAN) + 1 (WAN)	8 (IP Camera, POE(802.3at)) + 1 (LAN) + 1 (WAN)
	REMOTE CONTROL	YES	YES	YES
POWER	NETWORK	-	-	2GE + 8GE(PoE)
	TOTAL PoE POWER	-	-	72W
	MANAGEABLE by IPX	-	-	ARM9 interior (16ch)
	ADAPTOR	48V(48W)	48V(48W)	48V(96W)
ETC	WATCHDOG	YES	YES	YES
	COOLING FAN	1EA	1EA	1EA
POWER	POWER SUPPLY	12V adaptor + 48V adaptor1EA	12V adaptor + 48V adaptor	12V adaptor + 48V adaptor
	POWER CONSUMPTION	6W(12V, w/o HDD), 3W(48V, w/o camera)	6W(12V, w/o HDD), 5W(48V, w/o camera)	6W(12V, w/o HDD), 5W(48V, w/o camera)
ENVIRONMENT	PTEMPERATURE/ HUMIDITY	0°C ~ 40°C(32°F~104°F) / 10 ~ 90% NC	0°C ~ 40°C(32°F~104°F) / 10 ~ 90% NC	0°C ~ 40°C(32°F~104°F) / 10 ~ 90% NC
CHASSIS	DIMENSION	1U(305 x 298 x 44)	1U(305 x 298 x 44)	1U(305 x 298 x 44)
	WEIGHT	-	-	-
CERTIFICATION	UL, CUL, FCC, CE	FCC, CE, C-Tick	FCC, CE, C-Tick	FCC, CE, C-Tick
STORAGE	DISK S.M.A.R.T CHECK	YES(DEPEND ON HDD SPEC)	YES(DEPEND ON HDD SPEC)	YES(DEPEND ON HDD SPEC)
	EXTERNAL STORAGE	YES (eSATA, NAS( for Backup))	YES (eSATA, NAS( for Backup))	YES (eSATA, NAS( for Backup))
	AUTO DISK RECOVERY DELETING PARTIAL DATA	YES	YES	YES
USER	GROUP AUTHORITY	YES(ADMIN/MANAGER/USER)	YES(ADMIN/MANAGER/USER)	YES(ADMIN/MANAGER/USER)

MODEL		IPX-L4		
CHANNELS		4CH	8CH	16CH
MONITORING	DISPLAY RATE	Up to 120fps/100fps(Realtime)	Up to 120fps/200fps(Realtime)	Up to 120fps/400fps(Realtime)
	DECODING RATE	Max Total 120fps @ 8M	Max Total 120fps @ 8M	Max Total 120fps @ 8M
	DISPLAY RESOLUTION	2160p / 1080p / 720p / SXGA	2160p / 1080p / 720p / SXGA	2160p / 1080p / 720p / SXGA
	DISPLAY MODE	1,4	1,4,6,8	1,4,8,9,16
	SEQUENCE	Programmable Sequence	Programmable Sequence	Programmable Sequence
	DIGITAL ZOOM/COVERT	YES	YES	YES
	CAMERA COLOR CONTROL	YES (CONTRAST, HUE, TINY, BRIGHTNESS) (Depend on IP Camera)	YES (CONTRAST, HUE, TINY, BRIGHTNESS) (Depend on IP Camera)	YES (CONTRAST, HUE, TINY, BRIGHTNESS) (Depend on IP Camera)
	CAMERA IMAGE CONTROL	YES (WHITE BALANCE, EXPOSURE, FLICKERLESS) (Depend on IP Camera)	YES (WHITE BALANCE, EXPOSURE, FLICKERLESS) (Depend on IP Camera)	YES (WHITE BALANCE, EXPOSURE, FLICKERLESS) (Depend on IP Camera)
	AUDIO MONITORING	YES(From IP Camera)	YES(From IP Camera)	YES(From IP Camera)
	MICROPHONE	YES(MIC to IP Camera)	YES(MIC to IP Camera)	YES(MIC to IP Camera)
	PTZ CAMERA SUPPORT	YES (IP, RS485)	YES (IP, RS485)	YES (IP, RS485)
RECORD	SCHEDULE METHOD	DAILY/WEEKLY EACH HOUR	DAILY/WEEKLY EACH HOUR	DAILY/WEEKLY EACH HOUR
	PROGRAMMABLE FOR CH RECORD TIME LIMIT	YES	YES	YES
	EVENT RECORDING	YES(MOTION / ALARM)	YES(MOTION / ALARM)	YES(MOTION / ALARM)
	INTENSIVE RECORDING	YES(MOTION / ALARM)	YES(MOTION / ALARM)	YES(MOTION / ALARM)
	PRE-EVENT RECORDING	0/1/2/3/4/5/10/15 SEC	0/1/2/3/4/5/10/15 SEC	0/1/2/3/4/5/10/15 SEC
SEARCH & PLAYBACK	PANIC RECORDING	YES	YES	YES
	DISPLAY MODE	1,4,9	1,4,9	1,4,9
	PLAYBACK RATE	Up to 120FPS	Up to 240FPS	Up to 480FPS
	PLAYBACK SPEED	x1, x2, x4, x16, x32, x64	x1, x2, x4, x16, x32, x64	x1, x2, x4, x16, x32, x64
	CALENDAR SEARCH	YES(2008/1/1 - 2035/12/31)	YES(2008/1/1 - 2035/12/31)	YES(2008/1/1 - 2035/12/31)
ARCHIVING	PLAYBACK ZOOM / SNAPSHOT	YES	YES	YES
	ARCHIVING DEVICES	USB Memory, FTP	USB Memory, FTP	USB Memory, FTP
	REMOTE ARCHIVING	YES(WEB RA, VMS, FTP)	YES(WEB RA, VMS, FTP)	YES(WEB RA, VMS, FTP)
	SNAPSHOT ARCHIVING/DATA RESERVING RESERVED DATA LIST MANAGEMENT	YES	YES	YES
	BACKUP DATA FORMAT	AVI, RAW	AVI, RAW	AVI, RAW
	WARTERMARK	MD5	MD5	MD5
	WARTERMARK VARIFICATION	YES	YES	YES
NETWORK	ARCHIVED DATA PLAYBACK	YES	YES	YES
	MAX. CONNECTIONS	32 USERS	32 USERS	32 USERS
	DHCP / HTTPS / SSL / DDNS	YES	YES	YES
	TRANSMISSION RATE	MAX 240 fps(Depend on IP Camera)	MAX 240 fps(Depend on IP Camera)	MAX 240 fps(Depend on IP Camera)
	BANDWIDTH CONTROL WEB BROWER ACCESS/ REMOTE FUNCTION/ VMS SUPPORT	YES	YES	YES
	ONVIF CAMERA SUPPORT	YES (Profile-S)	YES (Profile-S)	YES (Profile-S)
	TWO-WAY AUDIO PC BASED REMOTE AGENT WEB BASED REMOTE AGENT	YES	YES	YES
	SMART PHONE APPLICATION	YES(iOS, Android)	YES(iOS, Android)	YES(iOS, Android)
	SDK	YES (HTTP, RTSP Protocol Base)	YES (HTTP, RTSP Protocol Base)	YES (HTTP, RTSP Protocol Base)
	IP FILTERING AUTO ROUTER PORT FORWARDING	YES	YES	YES
	FTP CLIENT	YES(For ARCHIVING)	YES(For ARCHIVING)	YES(For ARCHIVING)
	E-MAIL	YES(SMTP CLIENT)	YES(SMTP CLIENT)	YES(SMTP CLIENT)
	AUTHORITY CONTROL	ADMIN/MANAGER/USER	ADMIN/MANAGER/USER	ADMIN/MANAGER/USER
	AUTO IP CAM INSTALLATION (PLUG AND DISPLAY)	YES	YES	YES
	PROTOCOLS	WS-Discovery, RTP, RTSP, RTCP, S MTP, NTP, HTTP, FTP, DDNS, DHCP, uPNP(Router Port Forwarding), HTTPS,		
WIFI	-	SSL	-	
EVENT	ALARM OUT EVENT NOTIFICATION VIDEO POPUP ALARM SENSOR EVENT VIDEO LOSS EVENT MOTION DETECTION EVENT	YES	YES	YES
	MOTION SENSOR AREA	DEPEND ON IP CAMERA	DEPEND ON IP CAMERA	DEPEND ON IP CAMERA
	DISK EVENT SYSTEM EVENT NETWORK EVENT	YES	YES	YES
ETC	OPERATING SYSTEM	LINUX®	LINUX®	LINUX®
	FILE SYSTEM	ITX FILESYSTEM	ITX FILESYSTEM	ITX FILESYSTEM
	F/W UPGRADE	YES(USB / NETWORK)	YES(USB / NETWORK)	YES(USB / NETWORK)
	SETUP IMPORT/EXPORT KEYBOARD CONTROLLER	YES	YES	YES
	BACKUP VIEWER	YES(Multi Channel Playback Support)	YES(Multi Channel Playback Support)	YES(Multi Channel Playback Support)
	LANGUAGE	MULTI-LANGUAGE	MULTI-LANGUAGE	MULTI-LANGUAGE