VERSITON
VIDEO TECHNOLOGY

PM4-164-I

PM4 SERIES
16ch All In One - Supports TVI/AHD/CVI/CVBS/IP DVR
4EA HDD

Features

- Supports H.264 codec
- Supports Dual display - 960H, 1M, 2M, 3M, 4M, 5M
- Supports CVBS Spot Monitor
- HDMI and VGA Video Output
- Up to Max. 5M recording - Supports Real time recording @ 2M
- All In One - Supports TVI/AHD/CVI/CVBS/IP
- Supports Various IP Camera by ONVIF
  - IP Hybrid
  - 16CH: IP+Analog total 16
- Supports VA - Various Video Analytics function
- Supports P2P - Direct connection without network setup by QRcode scan.
- 2EA Network Port(WAN/LAN)
- Max. 4EA HDD , DVDRW Available

Specifications

CHANNELs		16CH
VIDEO	INPUT SIGNAL	SD(960) / AHD,TVI(HD,FHD)/3,4,5M, 4k15(TBD)
	MAIN MONITOR	VGA/HD (main/HD spot selectable)
	SPOT OUT	2(CVBS)
	LOOP THROUGH	YES
AUDIO	INPUT SIGNAL	16CH (10KOhm, 2.8Vpp)
	OUTPUT SIGNAL	1CH (600Ohm, 2.8Vpp)
	CODEC	G.711 ulaw
RECORDING	CODEC	H.264
	REC. RATE	Up to 160FPS@ 5M /Up to 240FPS @ 4M
		Up to 240FPS @ 3M / Up to 480FPS @ FHD
		Up to 480FPS @ 2CIF
		Up to 480FPS@ CIF
	REC. RESOLUTION	CIF, 2CIF, D1, 960H, 720P, 1080P, 3M, 4M, 5M
ALARM I/O	ALARM INPUT	18CH(16CH+2CH), Pulled up to 5V via 10KOhm
	ALARM OUT	8CH, RELAY(125VAC, 60VDC)
		8CH, O.C. (Pulled up to 5V via 1KOhm)
STORAGE	INTERNAL HDD	Max 4EA w/ RAID5
	EXTERNAL STORAGE	eSATA, NAS(FTP Server, for Backup)
	INTERNAL ODD	1EA(DVD-RW) with HDD 4EA
INTERFACE	USB	3 ports(2Front + 1 Rear)
	RS-485	2
	RS-232	1
	LAN	1 (LAN) + 1 (WAN) - 10/100/1000Mbps
	REMOTE CONTROL	YES
POWER	POWER SUPPLY	DC12V, Adaptor, 7.5~10A, 100~200V AC, 50-60Hz
ENVIROMENT	TEMPERATURE / HUMINITY	0ºC ~ 40ºC (32ºF~104ºF) / 10 ~ 90% NC
CHASSIS	DIMENSION (mm)	2U(430 x 367 x 88.4)
CERTIFICATION	UL, CUL, FCC, CE	CE, FCC, c-Tick
MONITORING	DISPLAY RATE	480FPS/400FPS
	DISPLAY RESOLUTION	4K/1080P/720P/VGA, Dual Display (Mirroring)
	DISPLAY MODE	1,4,6,8,9,16
	SEQUENCE	Programmable Sequence
	DIGITAL ZOOM	YES
	COVERT CAMERAS	YES
	CAMERA COLOR CONTROL	YES (CONTRAST, COLOR,TINT, BRIGHTNESS)
	PTZ CAMERA	YES
RECORD	SCHEDULE METHOD	DAILY/WEEKLY EACH HOUR
	PROGRAMMABLE FOR CH	YES
	MANUAL RECORDING	YES
	POST-EVENT RECORDING	5/10/15/20/30/60/180 SEC
	EVENT RECORDING	YES
	PRE-EVENT RECORDING	0/1/2/3/4/5/10/15 SEC
	PANIC RECORDING	YES
	EVENT LOGGING	YES (MOTION,ALARM,PANIC,VLOSS)
	SYSTEM LOGGING	YES (SYSTEM ON/OFF, TIME CHANGED, HDD/EMAIL OPERATIONS, SYSYEM OPERATIONS)
	SETUP LOGGING	YES (SETUP CHANGED)
	REMOTE LOGGING	YES (WHO, IP ADDRESS, REMOTE OPERATIONS)
SEARCH & PLAYBACK	DISPLAY MODE	1,4,9,16
	PLAYBACK RATE	Same as Recording Rate
	PLAYBACK SPEED	x1, x2, x4, x8, x16, x32, x64
	SEARCH TYPE	CALENDER / EVENT / TIME / TUHMBNAIL
NETWORK	MAX. CONNECTIONS	32 USERS
	DHCP / DDNS	YES
	TRANSMISSTION RATE	MAX 480 FPS
	BANDWIDTH CONTROL	YES
	WEB BROWER ACCESS	YES
	REMOTE FUCNTION	REMOTE MONITORING / PLAYBACK/ ARCHIVING / SETUP / PTZ CONTROL / HEALTH CHECK
	VMS SUPPORT	YES
	TWO-WAY AUDIO	YES
	PC BASED REMOTE AGENT	YES
	SMART PHONE APPLICATION	YES (iOS, Android)
	WEB BASED REMOTE AGENT	YES (WINDOWS®, LINUX, MAC OS/X®, ETC.)
	SDK	YES (HTTP, RTSP Protocol Base)
	AUTO ROUTER PORT FORWARDING	YES
	DUAL STREAMING	YES
	FTP CLIENT	YES (For ARCHIVING)
	E-MAIL	YES (SMTP CLIENT)
	AUTHORITY CONTROL	ADMIN / MANAGER / USER
	PROTOCOLS	RTP, RTSP, RTCP, SMTP, NTP, HTTP, FTP, DDNS, DHCP, Upnp(Router Port Forwading)
EVENT	TYPE	VIDEO LOSS EVENT / EVENT NOTIFICATION / EVENT POPUP / MOTION DETECTION / MOTION SENSOR AREA