유니버셜 4K DVR

UHD1600F-EAR



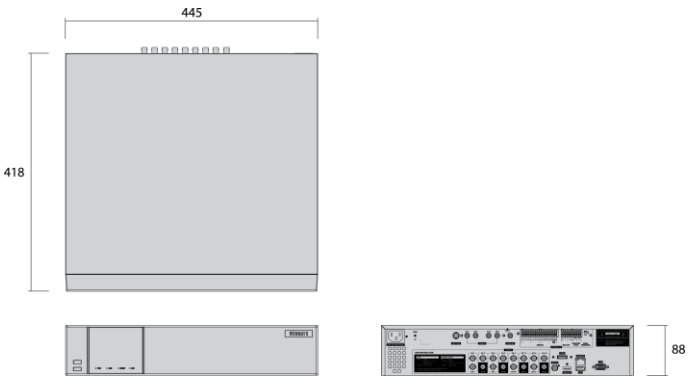
유니버셜 I 아날로그 I 디지털 I IP I 4M QHD I 4K UHD I TDM RX

주요 특징

- 다양한 비디오 포맷 지원
- 최대 16채널(2M), 8채널(4M), 4채널(4K UHD) 지원
- TDM 비디오 지원
- 4K UHD(HDMI) 출력 지원
- 내부 HDD 6개 장착 가능
- RAID 레벨 1/5/10을 지원하는 하드웨어 RAID 지원
- 외부 저장장치 128TB(eSATA), 256TB(NS04R) 지원
- 실시간 스트리밍(RTSP) 지원
- 서비스 채널, 원격 DVR 지원
- VMS(Control Center), 모바일 앱, HTML5 지원

외형도

(445×418×88mm)



Tech Note

UNIVERSAL 현존하는 모든 비디오 포맷 지원

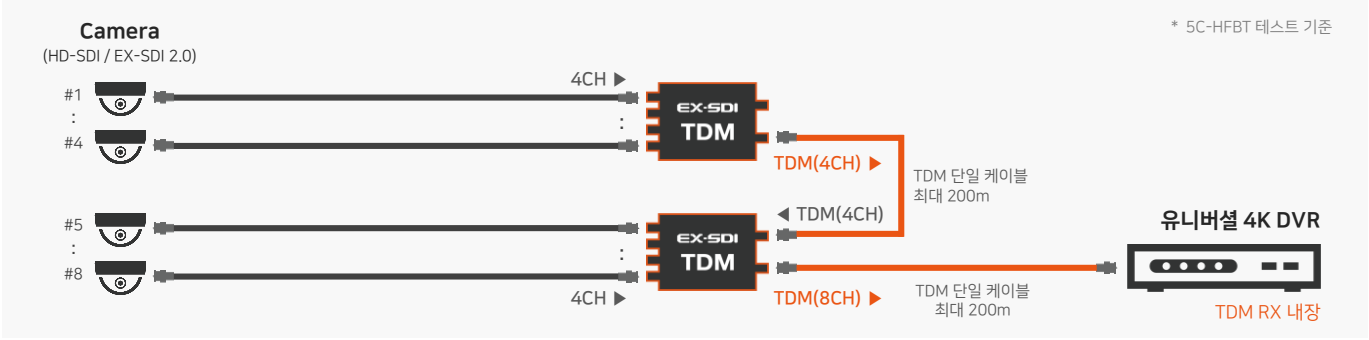
IP Camera는 물론 SD부터 4K UHD까지, 모든 비디오 포맷을 지원하는 유니버셜 4K DVR
어떤 현장이든, 어떤 카메라든 고민없이 유니버셜 4K DVR 하나면 OK!

4K UHD 초고화질로 더 선명하고 생생하게

초고화질의 4K UHD 해상도로 더 넓은 영역의 감시와 원거리 이미지의 확대도 자유롭고 깨끗하게!
Full-HD 보다 2배 더 선명한 4M QHD, 4배 더 선명한 4K UHD 해상도의 영상까지 저장 가능한 DVR

TDM(Time Division Multiplexer) 단일 케이블로 8채널 까지 전송

TDM(EX-SDI) RX 내장으로 단일 케이블을 통해 최대 8채널 까지 수신



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VIDEO INPUT		
Video input Format	BNC	HD-SDI, EX-SDI(V1.0, V2.0, V2.1), TDM
		AHD, TVI, CVBS(960H, SD)
	IP(Ethernet)	Onvif, WESP
Resolution / Frame Rate	HD-SDI EX-SDI 1.0 EX-SDI 2.0 EX-SDI 2.1	1920×1080@30fps 2560×1440@30fps 3840×2160@30fps
	EX-SDI TDM	1920×1080@30fps
	AHD	1920×1080@30fps 2560×1440@30fps
	TVI	1920×1080@30fps
	CVBS(960H)	960×480@60i, 720×480@60i 960×576@50i, 720×576@50i
Connectors		16ch, 75Ω BNC connector
CoC		Control over Coax@AHD(2M, 4M), TVI(2M)
VIDEO OUTPUT		
Video output	Resolution	HDMI : 3840×2160, 1920×1080 VGA : 1920×1080, 1280×1024, 1024×768 800×600 BNC(EX-SDI) : 1920×1080 BNC(CVBS) : 720×480, 720×576
	Mode	HDMI/VGA Main + CVBS Spot HDMI/SDI Main + CVBS Spot HDMI Main + VGA Spot + CVBS Spot HDMI Main + SDI Spot + CVBS Spot
	BNC(CVBS)	1, 4, 9, 16 split-screen, Switching
	BNC(SDI)	Main : Same as HDMI output Spot : 1, 4, 9, 16 split-screen, Switching Format : HD-SDI, EX-SDI, EX-SDI 2.0
RECORDING		
Compression	H.264 / JPEG	
Resolution	3840×2160, 2560×1440, 1920×1080, 1280×720, 960×480	
Rate	Max. 480fps@1920×1080, Max. 240fps@2560×1440 Max. 120fps@3840×2160	
Quality	10 levels up to 8Mbps@2M, 12Mbps@4M, 16Mbps@8M(4K)	
Mode	Normal/Event Record, Schedule/Event Record, Emergency Record	
Schedule	24hrs / 7days	
PLAYBACK		
Mode	Instant Playback / Search	
Speed	Max. 480fps@1920×1080 Max. 240fps@2560×1440 Max. 120fps@3840×2160	
Search type	Date/Time, Calendar/Time-line, Event, Thumbnail(Interval/Motion), Text, Bookmark	
Block playback	24hours ~ 99days	
EVENT & ALARM		
Event source	MD(Motion Detection), Sensor, Text, Video Loss	
Event check Schedule	24hrs / 7days	
Event action	Relay, Buzzer, E-mail, FTP, Video pop-up, Camera Preset, Mobile Alarm Push	
MD area	15×10	
Text input	POS/ATM support, AVE VSI Pro/Hydra support	
SYSTEM ALARM		
Alarm source	HDD fail, HDD almost full, Password fail, WRS fail, Record Fail	
Alarm action	Warning message, Buzzer, E-mail, Relay, Mobile Alarm Push	
AUDIO		
Input/output	4 RCA input / HDMI & RCA output	
Compression	ADPCM (32Kbps, 8KHz, 16bit sampling)	
Direction	Both	

PTZ	
Protocols	HIK-C, AHD, C1080(D1080), C1080PT-Z20, Pelco-D, Pelco-P, Samsung, Panasonic and others
NETWORK	
Interface	1 Gigabit Ethernet (10/100/1000Mbps)
Type	Static IP, Dynamic IP, xDSL
DDNS	WNS, DynDNS, NoIP, WRS
Bandwidth limit	0.01 ~ 100Mbps, unlimited
NTP	Server / Client / Both
Users	10 Monitoring, 4 Playback
RTSP	Supported
UPnP	UPnP auto port forwarding
Streaming	H.264 stream, High resolution
	1 additional H.264 stream, Normal resolution
	1 JPEG stream, Normal resolution
Service Streaming	Service Channel or Remote DVR
SECURITY	
User level	1 admin, 10 users
User privilege	Menu, PTZ, Relay, Playback, Power, Copy, Network MIC
IP filtering	Supported
STORAGE & BACKUP	
Storage devices	6 internal SATA HDDs, 1 external eSATA Interface, Gigabit network for NS04R
RAID Level	Level 1/5/10 (For internal HDD, max 5 HDDs can be used as RAID)
File system	Proprietary file system, Data-loss protection against power-failure
Capacity	Max. 128TB with eSATA, Max. 256TB with cascaded NS04R 8TB HDD Supported
Backup type	Multi-channel exe file, Single channel avi file, JPEG(Capture)
Backup device	3 USB 2.0 drive (2 front, 1 rear)
S.M.A.R.T.	Temperature and Health checking
SERIAL & I/O	
Serial port	2 RS-485
Sensor input	16 Dry-contacts
Relay output	2 Relays
CONTROLLER	
Device	IR remote controller, Joystick Keyboard, Mouse
SOFTWARE	
WebViewer	Plug-in free HTML5 WebViewer for Chrome, Safari, Mac OS X ActiveX WebViewer for IE
Mobile App	Monitoring / Playback / Alarm Push / PTZ / Audio / Log View with iPhone & Android
CMS	Control Center, Max. 1024 units
SDK	ActiveX(COM) SDK
ENVIRONMENTAL & PHYSICAL	
Dimension	445(W) × 418(D) × 88(H) mm
Weight	6 Kg (No HDD)
Operating Temperature	5°C~45°C (41°F ~ 113°F)
Operating Humidity	80% below, free of condensation
Power	AC free volt (100~240VAC), 50/60Hz
Power Consumption	Max. 33W, Typical 26W(No HDD)
Approval	KC, FCC, CE, RoHS

* 제품의 사양은 성능 및 품질 향상을 위해 사전 예고없이 변경 될 수 있습니다.