

세계 최초

모든 포맷을 지원하는 유니버설 4K DVR 고민없이 하나로, 한번에!



유니버설 4K DVR **NEW**

UHD1604F-U (설계)
WDC4216F-U (유통)

Support All Video Format
All in One, Only One!

다양한 비디오 포맷 지원 | 16채널(2M), 8채널(4M), 4채널(4K UHD) | TDM 비디오 지원* | 4K UHD(HDMI) 출력 | 내부 HDD 6개 장착 가능
외부 저장장치 128TB(eSATA), 256TB(NS04R) 지원 | 실시간 스트리밍 | 서비스 채널, 원격 DVR | VMS(Control Center), 모바일 앱, HTML5

UNIV.
FORMAT

UNIVERSAL 현존하는 모든 비디오 포맷 지원

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

비디오 포맷		아날로그 HD DVR	NVR	디지털 HD DVR	유니버설 4K DVR
아날로그	SD	아날로그	아날로그 미지원	아날로그/IP 미지원	아날로그 SD
	HD				아날로그 HD
IP	Onvif	디지털/IP 미지원	IP	디지털 HD	IP
	HD		디지털 HD		
디지털	HD-SDI	디지털/IP 미지원	디지털 미지원	디지털 UHD, TDM 미지원	디지털 HD
	EX-SDI 1.0 / 2.0				디지털 UHD
	UHD				TDM
	TDM 1.0				TDM

모든 비디오 포맷 지원

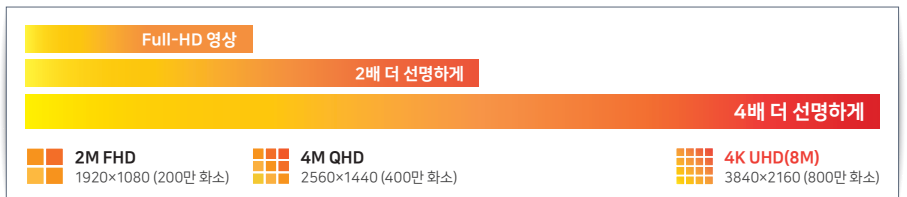
아날로그 4M QHD, 디지털 4K UHD 지원

고민없이 하나로, 한번에!

4K
UHD

4K UHD 초고화질로 더 선명하고 생생하게

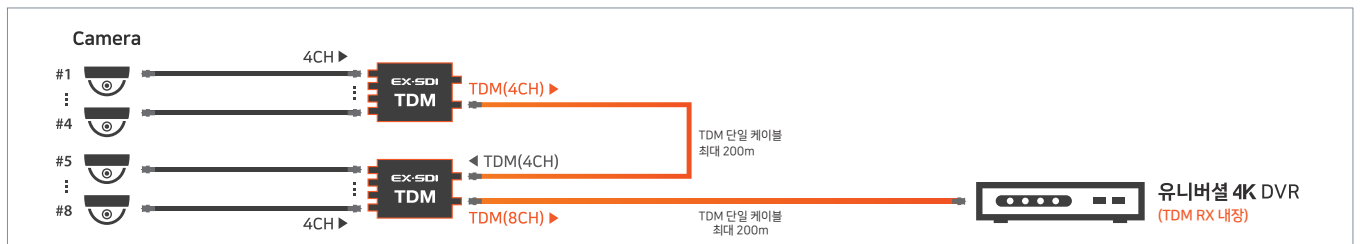
초고화질의 4K UHD 해상도로 더 넓은 영역의 감시와 원거리 이미지의 확대도 자유롭고 깨끗하게!
Full-HD 보다 2배 더 선명한 4M QHD, 4배 더 선명한 4K UHD 해상도의 영상까지 저장 가능한 DVR



TDM
RX

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

TDM RX 내장으로 단일 케이블을 통해 최대 8채널 까지 수신 설계 모델 전용(UHD1604F-U)

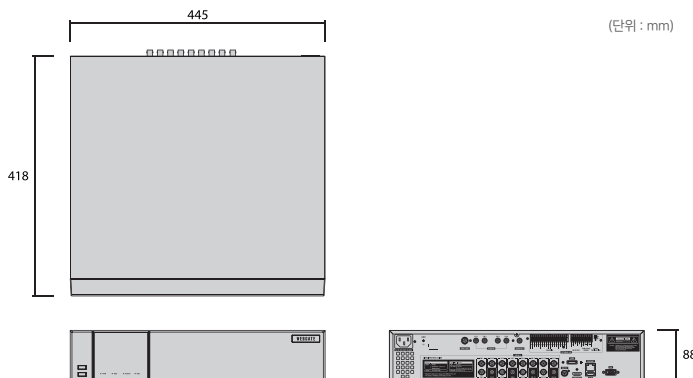


유니버설 4K DVR

유니버설 | 아날로그 | 디지털 | IP | 4M QHD | 4K UHD | TDM RX*

설계 **UHD1604F-U**

유형 **WDC4216F-U**



* TDM : 설계 모델 전용(UHD1604F-U)

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
	TDM 1.0*	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 upto 8Mbps@2M, 12Mbps@4M, 16Mbps@8M(4K)	
Mode	Normal/EventRecord, 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	StaticIP, DynamicIP, 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	External storage including NS04R(Level 1/5/10)
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	2Relays
CONTROLLER	
Device	IR remote controller, Joystick Keyboard, Mouse
SOFTWARE	
WebViewer	Plug-infree HTML5 WebViewerfor 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. 1024units
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 변경될 수 있습니다.