



DVR



CAMERA



ACCESSORY



SOFTWARE

디지털 PoC DVR

HDC442F-PD



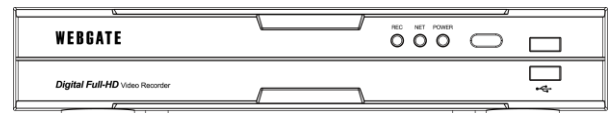
EX-SDI 2.1 | TDM RX | IP | 4M QHD | PoC | CoC

주요 특징

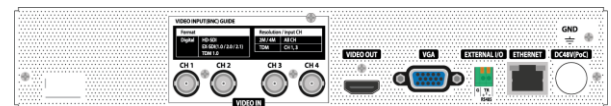
- 모든 디지털 비디오 포맷 지원
(HD-SDI, EX-SDI V1.0, V2.0, V2.1, EX-SDI TDM 1.0)
- IP 카메라(Onvif Profile-S) 지원
- TDM 비디오 지원
- 최대 4M QHD 비디오 입력 가능
- PoC/CoC 지원
- 10TB HDD 지원
- 실시간 스트리밍(RTSP) 지원
- 서비스 채널, 원격 DVR 지원
- 업계최초 HTML5 웹뷰어 지원

외형도

(260×241×45mm)



<Front View>



<Rear View>

Tech Note

One Cable Solution 동축케이블을 통한 카메라 전원공급 및 제어

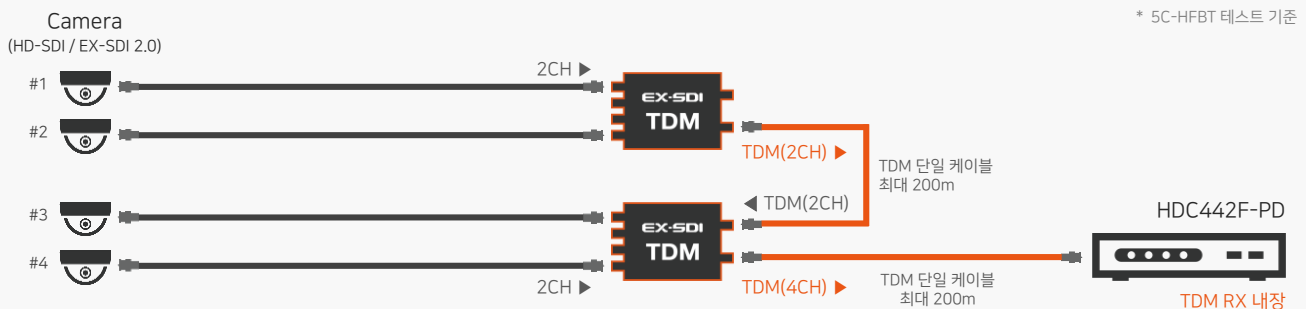
PoC(Power over Coax) : 동축케이블을 통해 DVR로 부터 카메라에 전원을 공급하여 별도의 전기공사 불필요

CoC(Control over Coax) : 동축케이블을 통해 DVR로 부터 카메라 제어신호를 전송하여 별도의 RS485 선로공사 불필요



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

TDM(EX-SDI) RX 내장으로 단일 케이블을 통해 최대 8채널 까지 수신 (HDC442F-PD 기준, 최대 4채널)





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HDC442F-PD



VIDEO INPUT		
Video input Format	BNC	HD-SDI, EX-SDI(1.0, 2.0, 2.1), EX-SDI TDM 1.0
	IP	WESP, Onvif Profile-S
Resolution / Frame Rate	HD-SDI	1920×1080@30fps 2560×1440@30fps
	EX-SDI 1.0	
	EX-SDI 2.0	
	EX-SDI 2.1	
	EX-SDI TDM	1920×1080@30fps
	IP	1920x1080 / 2048x1536
Connectors		4ch, 75Ω BNC connector
PoC		4ch, Power over Coax, Max. 22W/ch
CoC		4ch, Control over Coax

VIDEO OUTPUT		
Video output	HDMI / VGA Duplicate Mode	1, 4 split-screen
		HDMI : 1920×1080
		VGA : 1920×1080
	VGA Spot Mode	User defined display / Alarm pop-up / Sequential switching
		Not Supported

RECORDING	
Compression	H.264 / JPEG
Resolution	Same as input resolution (1920×1080, 2560×1440)
Rate	Max. 120fps@1920x1080, 2560x1440
Quality	10 levels up to 8Mbps@1920x1080, 12Mbps@2560x1440
Mode	Normal/Event, Schedule/Event, Emergency
Schedule	24hrs / 7days

PLAYBACK	
Mode	Instant Playback / Search
Speed	Max. 120fps@1920x1080, 2560x1440
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, Mobile Alarm Push

PTZ	
Protocols	Support various protocols including 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	Supported
NTP	Server / Client / Both

Users	10 Monitoring, 4 Playback, 1 Configuration tool
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 for e-mail or mobile
Service Streaming	Service Channel or Remote DVR

SECURITY	
User level	1 admin, 10 users
User privilege	Playback, Menu, Copy, PTZ, Camera Setup, Relay, Power, Network Mic.
IP filtering	Supported

STORAGE & BACKUP	
Storage devices	1 internal SATA HDDs, 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	10TB HDD Supported Max. 256TB with cascaded NS04R
Backup type	EXE : multi channel with log AVI : single channel JPEG : single channel capture
Backup device	2 USB 2.0 drive (2 front)
S.M.A.R.T.	Temperature and Health checking

SERIAL & I/O	
Serial port	1 RS-485
Sensor Input	Sensor of IP camera

CONTROLLER	
Device	Mouse, IR remote controller (option), Joystick Keyboard (option)

SOFTWARE	
HTML5 Webviewer	Plug-in free HTML5 Webviewer - Support PC & MacOS - Support Chrome, Firefox & Safari - Monitoring/Playback/PTZ - Support Full HD realtime display up to 4 channels - Support timeline and calendar search
	ActiveX Webviewer - Monitoring/Playback/Event/PTZ - Support Full screen mode
Mobile viewer	Monitoring / Playback / Alarm Push / PTZ / Audio / Log View with iPhone & Android
CMS	Control Center, Max. 1024 units
SDK	ActiveX(COM) SDK

ENVIRONMENTAL & PHYSICAL	
Dimension	260(W) × 241(D) × 45(H) mm
Weight	1.2 Kg (No HDD)
Operating Temperature	5°C~45°C (41°F ~ 113°F)
Operating Humidity	80% below, free of condensation
Power	DC 48V / 2.5A
Power Consumption	Max. 20W, Typical 15W(No HDD)
Approval	KC, FCC, CE, RoHS

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