



DVR



CAMERA



ACCESSORY



SOFTWARE

Digital PoC DVR

HDC442F-PD



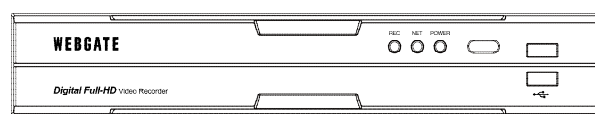
EX-SDI 2.1 | TDM RX | IP | 4M QHD | PoC | CoC

Key Features

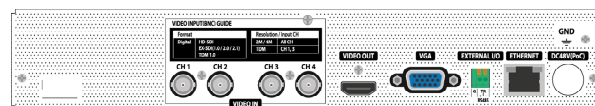
- Support all video format (HD-SDI, EX-SDI V1.0, V2.0, V2.1, EX-SDI TDM 1.0)
- Support IP Camera(Onvif Profile-S)
- Support TDM video
- Support max. 4M QHD video input
- Support PoC/CoC
- Support 10TB HDD
- Real Time Streaming(RTSP)
- Service channel, Remote DVR
- VMS(Control Center), Mobile App, HTML5

Dimension

(260×241×45mm)



<Front View>



<Rear View>

Tech Note

One Cable Solution

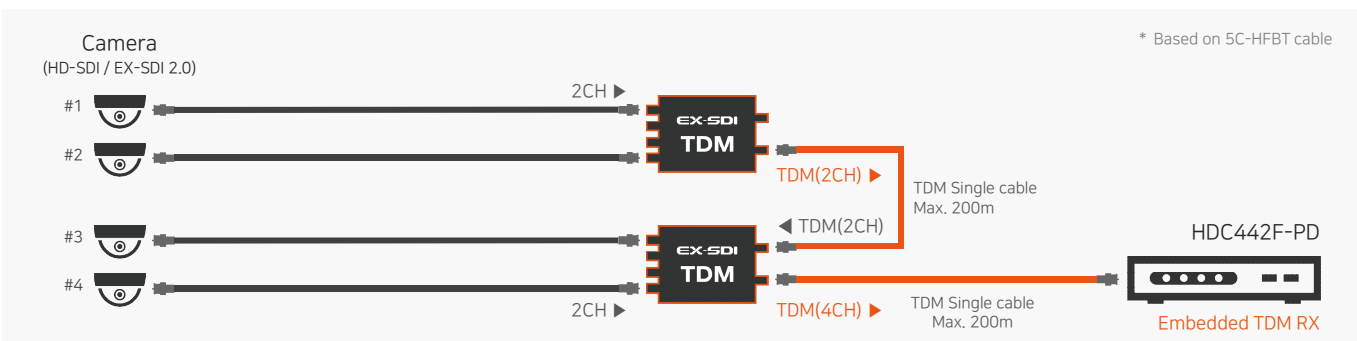
PoC(Power over Coax) : DVR provides power to camera through coaxial cable

CoC(Control over Coax) : DVR transmits camera control signal through coaxial cable



TDM(Time Division Multiplexer) Transmit 8ch through single cable

Embedded TDM RX(EX-SDI) receives max. 8ch video with single cable (4ch for HDC442F-PD)





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VIDEO INPUT		
Video input Format	BNC	HD-SDI, EX-SDI(1.0 / 2.0 / 2.1), EX-SDI TDM
	IP(Ethernet)	WESP, Onvif Profile S
Resolution / Frame Rate	HD-SDI EX-SDI 1.0 EX-SDI 2.0 EX-SDI 2.1	1920×1080@30fps,1920×1080@25fps 2560×1440@30fps,2560×1440@25fps
	EX-SDI TDM	1920×1080@30fps, 1920×1080@25fps
	IP	1st stream: 1280x720~2560x1440 2nd stream: max 1280x720
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
		User defined display / Alarm pop-up / Sequential switching
	VGA Spot Mode	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@2M, 12Mbps@4M	
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	Motion detection, Video Loss, Text input, System	
Event check Schedule	24hrs / 7days	
Event action	Buzzer, E-mail, FTP, Video pop-up, Camera Preset, Mobile Alarm Push, System alarm	
MD area	15×10	
Text input	POS/ATM support, AVE VSI Pro/Hydra support	
SYSTEM ALARM		
Event source	HDD fail, HDD almost full, Password fail, WRS/DDNS fail, Recording Fail	
Event action	Pop-up Message, Buzzer, E-mail, Mobile Alarm Push	
AUDIO		
Input/output	HDMI output	
Compression	G.711	
Direction	Both	
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	0.01 ~ 100mbps, unlimited
NTP	Server / Client / Both
Users	10 Monitoring, 4 Playback, 1 Configuration
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	Menu, PTZ, Playback, Power off, Copy, Network MIC, Camera setup
IP filtering	Supported
STORAGE & BACKUP	
Storage devices	1 internal SATA HDDs, Gigabit network for NS04R/UHS04R
RAID Level	External storage including NS04R/UHS04R (Level 1/5/10)
File system	High-performance proprietary file system Data-loss protection against power interrupt Safe HDD head parking in power failure
Capacity	10TB HDD Supported Max. 256TB with cascaded NS04R/UHS04R
Backup type	Multi-channel exe file, Single channel avi file, JPEG(Capture) FAT32(Max 32GB), NTFS
Backup device	2 USB 2.0 drive (2 front)
S.M.A.R.T.	Health checking and alarm, Reallocation sector monitoring and alarm
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	Monitoring / Event / PTZ / Playback for browser supporting HTML5
Webviewer	Monitoring / Event / PTZ / Playback for IE
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
IPFR	Supports IPFR (Intelligent Power Failure Recovery)
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.

* Specifications are subject to change without notice for product improvement.