



WEBGATE

Dimension

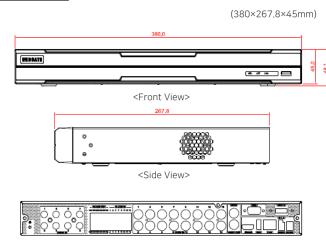
Analog 2M(Full-Frame) / 4M / 5M DVR

HAC1650F-V3

AHD 5M, 4M, 2M I TVI 5M, 4M, 2M I IP I H.265

Key Features

- · Analog 2M(Full-Frame) / 4M / 5M 16CH DVR
- · Analog : AHD(5M/4M/2M), TVI(5M/4M/2M), CVBS(960H, SD)
- · IP(Ethernet) : Onvif, WESP / H.264, H.265
- \cdot 2 Internal SATA HDD
- · HDD Capacity 12TB
- · Service channel, Remote DVR
- · VMS(Control Center), Mobile App(WebEye), HTML5 WebViewer



<Rear View>

Tech Note

Up to 5M image support

Full-HD image Full-Frame support and can be stored up to 5M resolution for clearer monitoring of wider areas and distant images

Analog All in One DVR

Various video inputs such as TVI(5M/4M/2M), AHD(5M/4M/2M), CVBS, SD and IP (Onvif Profile S) are supported simultaneously Monitoring, recording, playback, backup and remote control of IP camera or other DVR Integration with Alarm or Audio of 3rd party's IPC

UTC(CoC)

Camera control over coax cable Control camera's OSD or zoom/focus remotely (DVR, PC) without additional cable construction

Remote DVR Full control of remote DVR/NVR -Patent Application

Share DVR/NVR's main output on PC and real-time remote control from DVR/NVR's OSD menu on PC

Free VMS

Provide Central Monitoring Software (Control Center) for free, supporting Max. 1,024 Units with various and great functions



Analog 2M(Full-Frame) / 4M / 5M DVR

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VIDEO INPUT			
	BNC	AHD, TVI, CVBS(960H,SD)	
Video input For	Bive	H.264, H.265	
mat	IP(Eternet)	Protocol : WESP, Onvif Profile S (all ch support)	
	AHD	1920×1080@30fps, 1920×1080@25fps	
		2560×1440@30fps, 2560×1440@25fps	
		2560×1944@20fps, 2560×1944@20fps	
	TVI	1920×1080@30fps, 1920×1080@25fps	
Resolution/Fra meRate		2560×1440@30fps, 2560×1440@25fps 2560×1944@20fps, 2560×1944@20fps	
mentate		960×480@60i, 720×480@60i	
	CVBS(960H)	960×576@50i, 720×576@50i	
	IP	1st stream: 1280x720~3840x2160	
Connectors		2nd stream: max 720x576 16ch, 75Ω BNC connector	
Connectors CoC		Control over Coax@AHD,TVI	
VIDEO OUTPUT		Control over Coax@AHD,1VI	
VIDEO OUTPOT		HDMI: 3840×2160(*), 1920×1080	
Video output	Resolution	VGA : 1920×1080, 1280×1024, 1024×768	
		BNC(CVBS): 720×480, 720×576	
		HDMI main + VGA spot HDMI main + CVBS spot	
		HDMI main + CVBS spot HDMI/VGA Duplicate	
	Modes	HDMI/CVBS Duplicate	
		HDMI main + VGA(Service Channel) HDMI main + CVBS(Service Channel)	
	BNC(CVBS)	1, 4, 9, 16 split-screen, Switching	
RECORDING	BNC(CVB3)	1, 4, 5, 10 spire screen, switching	
Compression	H.264 / H.265	/ M IPEG	
Resolution		2560×1440, 1920×1080, 960×480	
		Max 30fps/ch @ 1920×1080	
Rate		Max 15fps/ch @ 2560×1440	
Quality		Max 10fps/ch @ 2560×1944 0 8Mbps@2M, 12Mbps@4M, 8Mbps@5M	
Quality		Record, Schedule/Event Record, Emergency	
Mode	Record	Record, Schedule, Event Record, Emergency	
Schedule	24hrs / 7days		
PLAYBACK			
Mode	Instant Playba	ck / Search	
Speed	Max. 480fps		
Search type	Date/Time, Ca	lendar/Time-line, Event, erval/Motion), Text, Bookmark	
Block playback	1day ~ 365da		
EVENT & ALARM		y	
	r	ion, Sensor input, Video Loss, Text input,	
Event source	Al, System		
Event check	24hrs / 7days		
Schedule		E mail ETD Video non un Comere Dreet	
Event action		E-mail, FTP, Video pop-up, Camera Preset, Push, System alarm	
MD area	15×10	· · · ·	
Text input	POS/ATM sup	port, AVE VSI Pro/Hydra support	
SYSTEM ALARM			
Event source		almost full, Password fail, WRS/DDNS fail, Record	
	ing Fail		
Event action	Pop-up Messa	ge, Buzzer, E-mail, Relay, Mobile Alarm Push	
AUDIO	Q DCA input /		
Input/output Compression	8 RCA input / HDMI & RCA output G.711		
Direction	Both		
PTZ	5000		
	HIK-C. AHD C	1080(D1080), C1080PT-Z20, Pelco-D, Pelco-P,	
Protocols		asonic and others	

Interface	1 Gigabit Ethernet (10/100/1000Mbps)	
Туре	Static IP, Dynamic IP	
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 or H.265 stream, High resolution 1 additional H.264 or H.265 stream, Normal resolution 1 JPEG stream, Normal resolution	
Service	Service Channel or Remote DVR	
Streaming	Schwee endmiter of Remote BVR	
SECURITY		
User level	1 admin, 10 users	
User privilege	Menu, PTZ, Relay, Playback, Power off, Copy, Network MIC, C amera setup	
IP filtering	Supported	
STORAGE & BACI	KUP	
Storage devices	2 internal SATA HDD, 1 external eSATA Interface	
RAID Level	Not supported	
File system	High-performance proprietary file system Data-loss protection against power interrupt	
Capacity	Max, 128TB with eSATA 12TB HDD Supported per SATA Port	
Backup type	Multi-channel exe file, Single channel avi file, JPEG(Capture)	
	2 USB 3.0 drive (1 rear), 2.0 drive (1 front)	
Backup device	FAT32(Max 32GB), NTFS (Min. 1GB)	
S.M.A.R.T.	Health checking and alarm, Reallocation sector monitoring a nd alarm	
SERIAL & I/O		
Serial port	1 RS-485	
Sensor input	16 Dry-contacts + Sensor of IP Camera	
Relay output	4 Relays	
CONTROLLER		
Device	IR remote controller, Joystick Keyboard(option), Mouse	
DEVICE		
SOETWARE		
SOFTWARE		
SOFTWARE HTML5 Webvie wer	Monitoring / Event / PTZ / Playback for browser supporting HTML5	
HTML5 Webvie wer	Monitoring / Event / PTZ / Playback for browser supporting HTML5	
HTML5 Webvie	Monitoring / Event / PTZ / Playback for browser supporting HTML5 Monitoring / Event / PTZ / Playback for IE Monitoring / Playback / Alarm Push / PTZ / Audio / Log View	
HTML5 Webvie wer Webviewer Mobile viewer	Monitoring / Event / PTZ / Playback for browser supporting HTML5 Monitoring / Event / PTZ / Playback for IE Monitoring / Playback / Alarm Push / PTZ / Audio / Log View with iPhone & Android	
HTML5 Webvie wer Webviewer Mobile viewer CMS	Monitoring / Event / PTZ / Playback for browser supporting HTML5 Monitoring / Event / PTZ / Playback for IE Monitoring / Playback / Alarm Push / PTZ / Audio / Log View with iPhone & Android Control Center, Max. 1024 Units	
HTML5 Webvie wer Webviewer Mobile viewer CMS SDK	Monitoring / Event / PTZ / Playback for browser supporting HTML5 Monitoring / Event / PTZ / Playback for IE Monitoring / Playback / Alarm Push / PTZ / Audio / Log View with iPhone & Android Control Center, Max. 1024 Units ActiveX(COM) SDK	
HTML5 Webvie wer Webviewer Mobile viewer CMS SDK ENVIRONMENTA	Monitoring / Event / PTZ / Playback for browser supporting HTML5 Monitoring / Event / PTZ / Playback for IE Monitoring / Playback / Alarm Push / PTZ / Audio / Log View with iPhone & Android Control Center, Max. 1024 Units ActiveX(COM) SDK L & PHYSICAL	
HTML5 Webvie wer Webviewer Mobile viewer CMS SDK ENVIRONMENTA Dimension	Monitoring / Event / PTZ / Playback for browser supporting HTML5 Monitoring / Event / PTZ / Playback for IE Monitoring / Playback / Alarm Push / PTZ / Audio / Log View with iPhone & Android Control Center, Max. 1024 Units ActiveX(COM) SDK L & PHYSICAL 380(W) × 267.8(D) × 45(H) mm	
HTML5 Webvie wer Webviewer Mobile viewer CMS SDK ENVIRONMENTA Dimension Weight	Monitoring / Event / PTZ / Playback for browser supporting HTML5 Monitoring / Event / PTZ / Playback for IE Monitoring / Playback / Alarm Push / PTZ / Audio / Log View with iPhone & Android Control Center, Max. 1024 Units ActiveX(COM) SDK L & PHYSICAL	
HTML5 Webvie wer Webviewer Mobile viewer CMS SDK ENVIRONMENTA Dimension Weight Operating Temperature	Monitoring / Event / PTZ / Playback for browser supporting HTML5 Monitoring / Event / PTZ / Playback for IE Monitoring / Playback / Alarm Push / PTZ / Audio / Log View with iPhone & Android Control Center, Max. 1024 Units ActiveX(COM) SDK L & PHYSICAL 380(W) × 267.8(D) × 45(H) mm	
HTML5 Webvie wer Webviewer Mobile viewer CMS SDK ENVIRONMENTA Dimension Weight Operating	Monitoring / Event / PTZ / Playback for browser supporting HTML5 Monitoring / Event / PTZ / Playback for IE Monitoring / Playback / Alarm Push / PTZ / Audio / Log View with iPhone & Android Control Center, Max. 1024 Units ActiveX(COM) SDK L & PHYSICAL 380(W) × 267.8(D) × 45(H) mm 1.8Kg (No HDD)	
HTML5 Webvie wer Webviewer Mobile viewer CMS SDK ENVIRONMENTA Dimension Weight Operating Temperature Operating	Monitoring / Event / PTZ / Playback for browser supporting HTML5 Monitoring / Event / PTZ / Playback for IE Monitoring / Playback / Alarm Push / PTZ / Audio / Log View with iPhone & Android Control Center, Max. 1024 Units ActiveX(COM) SDK L & PHYSICAL 380(W) × 267.8(D) × 45(H) mm 1.8Kg (No HDD) 5°C ~ 45°C (41°F ~ 113°F)	
HTML5 Webvie wer Webviewer Mobile viewer CMS SDK ENVIRONMENTA Dimension Weight Operating Temperature Operating Humidity	Monitoring / Event / PTZ / Playback for browser supporting HTML5 Monitoring / Event / PTZ / Playback for IE Monitoring / Playback / Alarm Push / PTZ / Audio / Log View with iPhone & Android Control Center, Max. 1024 Units ActiveX(COM) SDK L & PHYSICAL 380(W) × 267.8(D) × 45(H) mm 1.8Kg (No HDD) 5°C ~ 45°C (41°F ~ 113°F) 80% below, free of condensation DC 12V / 4A (Option : DC 12V / 5A **) - It is highly recommended to use an adapter (option) to use a high capacity HDD with a power consumption of 8W or more. Please refer the HDD's specification for power	







WEBGATE



CAMERA

ACCESSORY SO

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SOFTWARE