

UH-HDF16UXA

FREEDOM DVR (HYBRID SDI)



KEY FEATURES

- ◆ QHD(4MP) / 1080P / 720P / 960H compatible
- ◆ 4K HDMI Out / 1080P VGA Out
- ◆ EX-SDI/HD-SDI/IP/TVI4.0/AHD/CVI/CVBS
- ◆ E-mail alert notifications
- ◆ Push Notification
- ◆ POS Integration (Up to 8 Channels)
- ◆ Easy DDNS
- ◆ P2P Supported
- ◆ Self Health Check Reporting

UH-HDF16UXA					
OPERATION MODE			QUADPLEX	Live/Playback, Recording, Network & Copy	
Live Display Speed(NTSC/PAL)			Realtime (480/400 fps)		
Recording	D1, 960H, 720p, 1080p		480/400fps	Configurable by each CH	
Playback					
Video Input	No of BNC		16 (SDI/Analogue HD/D1/960H)	Auto format detection	
	Cable Dist.	EX-SDI 1.0	~ 400m for 1080p25/30	RG59 Copper Core Coaxial Cable	
		EX-SDI 2.0	~ 500m for 1080p25/30		
		HD-SDI	~ 150m for 1080p25/30		
	Analogue HD	~ 700m for 1080p25/30 with copper core, ~ 400m for 1080p25/30 with steel core			RG6 Coaxial Cable
		No of IP Camera		Max. 16CH	1080p30fps.max/ch, 6Mbps.max/ch, Higher resolution with lower fps(~5mp) & lower CH
		Total Channel #		16	BNC & IP share the number of channel
	Video Output	VGA		1 (up to 1920X1080)	
HDMI		1 HDMI 2.0 (up to 4K2K@ 30Hz)	4K Support TBD		
BNC		Full HD HD-TVI or CVBS for 2 nd Monitor /SPOT Monitor			
Screen Division	Live Mode		1,4,9,16		
	Playback Mode		1,4,9,16		
Audio In/Out			4 line in (RCA)/1 line out (RCA) & HDMI		
Alarm	Input / Output		16 in / 1 Out(Relay)		
	A/O Control		Configurable by User		
Storage	Interface		SATA2.0		
	HDD(Internal)		5		
Archive	Backup Device		USB Device (HDD, Thumb Drive), NAS & Remote via Network		
	Multiple channel		Raw data format, Support with the Embedded Player		
	AVI		Embedded AVI formatting with H.264	With SMI time-stamp file	
USB Port			2 Ports	USB 2.0 EHCI	
PTZ & CCTV Keyboard Interface			One RS485 ports		
Motion Detection Cells			64x48		
System Control			USB Mouse, IR remote control, External Keyboard Controller & HTTP API I/F, Front Key(Optional)		
Network	Ethernet		10M/100M/1000M	For up-streaming	
	Local		10M/100M/1000M	For IP camera connection	
	Protocols		DHCP, DDNS, P2P, uPNP, HTTP, NTP, SNMP, SMTP, ONVIF, Push Notification(iOS/Android)		
	No of Client		Max. 8		
Multi-Language			support		
Power			Adapter (12V/6.67A higher)		
Operating Temperature			5~40 °C / 20~80% RH		
Remote SW's			CMS /RMS / Web / MAC OSX / Android / iOS		
Dimension (WxDxH, mm)			2U(430x443x88)		
			Rack Mount Support		
Advanced FEATURES					
Dedicated network streaming	Live		H.264 with various resolution Size/Quality/FPS control from various viewer		
	Playback		CIF resolution		
Motion JPEG Streaming			HTTP, by Each Channel		
RAID(Mirroring)			Configurable Dual Recording by channel & by event		
Search			Calendar/Time/Event/Panorama		
P2P/DDNS/Push Notification/E-mail			ns.dynamicmvm.com/P2P server/Relay Server/Push Server/Embedded E-mail Service	Service on Self-developed Server System	
Sensor Operation			Sensor : channel mapping matrix, Sensor triggered PTZ activation		
Event	Event Type		Motion Detection, Alarm in, Video Loss, HDD S.M.A.R.T, Status & Error, Recording Status, POS		
Notification	Action		E-mail with snapshot, Buzzer, Pop-up, Symbol, Push Notification		
PTZ Control			On RS-485, Pelco-C/D protocol compatible		
PoS I/F integration			Extendable up to 8 PoS Interface		
USER Privilege Set up			Live/Search & Copy/Network/PTZ/Camera		
Log In/Out Function			Login & Logout Control by Account		
Password Security			Periodically Password Refresh for all users		
Recording Time Limit			12Hour, 1/2/3/4/5/6Day, 1/2/3Week, 1/2Month		
Health Checking & Report			Periodical E-mail Report for HDD & Recording Status with various system info.		
System log			Log History, Backup available		
Privacy Zone Masking			Supported		
Covert			Supported		
Advanced Video Detection Event			Camera Tampering, Camera Lens Blocking, Day/Night, Defocus		
			Per ch with 64x48 cells		