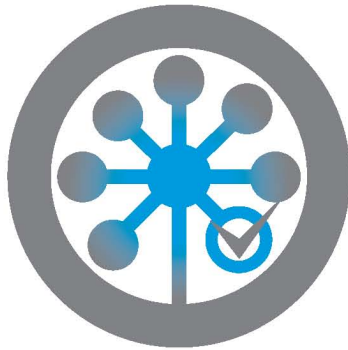


FREEDOM
by UNITEK



FULL HD HYBRID
1080p



AUTO DETECTS
ANY TYPE OF VIDEO INPUTS
ANALOG / HD-SDI



ADVANCED
MIRRORING
DUAL RECORDING

FULL HD-SDI STANDALONE DIGITAL VIDEO RECORDER

FREEDOM



HIGH
DEFINITION
OVER COAX

FREEDOM Series :

UK-HDF04, UK-HDF08, UK-HDF16, UK-HDF16X *UK-HDF16X is different from the image shown above.

FREEDOM hybrid digital video recorders support a combination of HD-SDI and traditional analog CCTV cameras. These hybrid DVRs are a great choice when users plan on migrating to high definition cameras in the future but want to use standard CCTV cameras for now or when users want to use a combination of HD-SDI cameras and standard analog CCTV cameras.

www.UNITEKCCTV.com

**FULL HD HYBRID
1080p**

FREEDOM

FULL HD-SDI STANDALONE DIGITAL VIDEO RECORDER



Key Features

- 4, 8 & 16ch hybrid(HD-SDI/analog) realtime DVR
- Analog/HD-SDI available for All camera input (1080p/720p/960H/D1)
- Adaptive 3D Comb Filter for analog video input
- Individual network streaming (H.264 & MJPEG)
- HDD: 2 Internal + 1 eSATA (Up to 4 TB or more/HDD)
- eSATA for storage extension (up to 5 more HDD)
- Advanced mirroring(dual recording) built in
- HDMI/VGA simultaneous output
- CVBS output for spot or dual monitor
- Health checking (FAN speed & failure checking, temperature sensing HDD smart)
- Sensor-triggered PTZ action
- User privilege to control the access on cameras /live/playback/copy etc.
- Linear digital zoom for live and playback
- Panorama search
- Direct AVI formatting for copy
- Date/time adjustment by DST, NTP
- 2-way full duplex audio
- Auto port forwarding (uPNP), DDNS, Login/out
- Configurable resolution, quality & fps for network streaming directly from client
- Web-based remote setup & viewer

Technical Specifications

		UK-HDF04	UK-HDF08	UK-HDF16	UK-HDF16X
Operation Mode		PENTAPLEX(Live, Playback, Recording, Backup, Network)			
Live Display Speed (NTSC/PAL)		Realtime Display(480/400 fps)			
Recording	720x480(576)	120/100 fps	240/200fps	480/400fps	480/400fps
	960x480(576)	120/100 fps	240/200fps	480/400fps	480/400fps
	720p	120/100 fps	240/200fps	480/400fps	480/400fps
	1080p	120/100 fps	240/200fps	240/200fps	480/400fps
Network	Individual Streaming	Resolution Selectable (1/4 size ~ full size)			
Video Input	No of BNC	4ch	8ch	16ch	16ch
	VGA	1 (up to 1920X1080)			
Video Output	HDMI	1 (up to 1920X1080)			
	CVBS(BNC)	Dual Monitor Output (NTSC/PAL)			
Screen Division	Live & Playback Mode	1, 4, 9, 16			
Audio	In / Out	4 line in (RCA)/1 line out (RCA) & HDMI			
	In / Out	4 In/ 1 Out (Relay)			
Alarm	Alarm Out Control	User Configurable Relay output			
	Interface	SATA2 (1.5Gbps)			
Storage	No. of HDD(Internal)	2 or 1 + eSATA	2	2	5
	eSATA	1 (eSATA MUX 5 additional HDD support)			
Archive	Backup Device	USB Device (HDD, Thumb Drive) & Network			
	AVI	0			
USB Port		2 Ports at Front			
Motion Area		32 x 24			
Network		LAN (TCP/IP Ethernet, RJ45), DHCP, Dynamic IP, DDNS			
		uPNP, HTTP, NTP			
Ethernet Port		10M/100M	10M/100M/1000M		
Power (Adaptor)		12V/3A	12V/5A	12V/5A	12V/5A
Remote SW's		RMS/ Web / Mobile SW			
Case		1.5U	1.5U	1.5U	2U

Advanced Features

Network Streaming	H.264 for various resolution (Size / Quality / FPS control) from various viewer
Mirroring	Dual Recording (by Channel, Event only or all)
Playback Mode	Calendar / Time / Event / Panorama (Motion, Alarm, V-Loss)
Event Channel Popup	Yes
Sensor Triggered PTZ Activation	Yes
Motion Sensor Display	Yes
PTZ Tour, Event Preset	Yes
S.M.A.R.T HDD Check	Yes
Email with Snapshot	Yes
Log Out Function	Yes
Log View	Yes
HDD S.M.A.R.T Status	Yes
Privacy Zone Masking	Yes
Covert	Yes
Digital Zoom	Linear Zooming for Live & Playback
REC Quality, FPS Control per Channel	Yes

System with Analog Camera and HD-SDI Camera



UK-HDF04 | UK-HDF08 | UK-HDF16 | UK-HDF16X