



| 4/8/16 CHN 1080N HYBRID DVR

FEATURES:

- 4 / 8 / 16 CH TVI / CVI / AHD video input
- 4 CH 1080P lite / 720P / WD1 recording
- 8 / 16 CH 1080P lite / 720P / 720P lite / WD1 recording
- 4 / 8 CH DVRs support 1 / 1 CH IPC 1080P / 960P / 720P recording
- 16 CH DVRs support 2 CH IPC 3MP / 1080P / 960P / 720P recording
- Adopt standard H.264 high profile compression format to get high-quality video at much lower bit rate
- Intuitive and user-friendly Graphics User Interface (GUI), window style operation by mouse
- Multi-mode recording: manual / timer / motion
- Playback: 4 / 8 / 16 CH simultaneously playback
- Search: time slice, time, event (manual, motion), tag search
- Express and flexible backup via USB, network and so on
- Pentaplex: preview, record, playback, backup and remote access
- DHCP, DDNS, PPPoE network protocol, IE browse and CMS supported
- Remote control via IE or CMS : preview, playback, backup, PTZ and configuration
- Dual stream technology for local storage with high definition, remote network transmission and remote surveillance with mobile device
- Multi-user online simultaneously
- Authorization management, log review and device status review
- HDMI 1080P output, true high resolution display
- Support PTZ preset and auto cruise, up to 255 presets and 8 cruises
- Support NAT function and QRCode scanning by mobile phone and PAD
- Powerful smart phone & Pad surveillance with iOS and Andriod OS



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SPECIFICATION	FALC-1080-4	FALC-1080-8	FALC-1080-16
System			
Compression	Standard H.264 High Profile		
CPU	Cortex A9		
OS	Embedded Linux		
Video			
Input	BNC × 4	BNC × 8	BNC × 16
Resolution	TVI / CVI / AHD 1080P lite, 720P, WD1 real time		
IP Input /Access Bandwidth	IPC × 1 / 6Mbps	IPC × 1 / 6Mbps	IPC × 2 / 12Mbps
Output	HDMI × 1 : 1920 × 1080, VGA × 1 : 1920 × 1080		HDMI × 1 : 1920 × 1080, VGA × 1 : 1920 × 1080, BNC × 1 : CVBS <i>(used as the main or spot output)</i>
Audio			
Input	RCA × 1		
Output	RCA × 1		
Two-way audio	Take up channel one audio input		
Record			
Resolution	1080P lite, 720P, WD1	1080P lite, 720P, 720P lite, WD1	
Frame Rate	25 fps (PAL) / 30 fps (NTSC)	1080P lite/720P :12 fps (PAL) /15 fps (NTSC) 720P lite / WD1 :25 fps (PAL) / 30 fps (NTSC)	1080P lite:1~12fps (PAL / NTSC) 720P :12 fps (PAL) / 15 fps (NTSC) 720P lite / WD1 : 25 fps (PAL) / 30 fps (NTSC)
Bit Rate	768Kbps ~ 4Mbps		
Mode	Manual, timer, motion		
IP Input			
Resolution	1080P / 960P /720P	1080P / 960P /720P	3MP / 1080P /960P / 720P
Frame Rate	25fps (PAL) 30fps (NTSC)	25fps (PAL) 30fps (NTSC)	25fps (PAL) 30fps (NTSC)
Playback			
Playback	4CH	8CH	16CH
Search	Time slice / time / event / tag search		
Smart Search	Highlighted colour to display the camera record in a certain period of time, different colours refers to different record events		
Function	Play, pause, FF, FB, digital zoom, etc.		
Alarm			
Mode	Manual, motion, exception		
Input	No		
Output	No		
Triggering	Record, snap, preset, e-mail, etc.		
Network			
Interface	RJ45 10M / 100Mbps × 1		
Protocol	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP		
Web Client	Multiple users online		
Mobile Device			
OS	iOS, Andriod		
Storage			
HDD	SATA × 1, max 8T		
Backup			
Local Backup	U disk, USB removable HDD		
Network Backup	Yes		
Port			
RS485	No	RS485 × 1, connect to PTZ or keyboard	
USB	USB 2.0 × 2 (in the rear panel)		
Remote Controller	Optional		
Others			
Power Supply	DC 12V		
Consumption	≤ 5W (without HDD)		≤ 10W (without HDD)
Dimensions (mm)	255 × 223 × 42 (W × D × H)		
Work Environment	-10°C ~ +50°C, 10% ~ 90% humidity		