

# IR Thermal, Fire Flame Detection XVR (Hybrid)

## NDA/TAA Compliant Analog HD H.265 Hybrid DVR

- Various resolution Size/Quality/FPS
- Dual Streaming
- Configurable Dual Recording
- Calendar/Slide Bar/Virtual Jog Shuttle/Event/Panorama/Smart/USB Backup Device
- ns.p2pddns.com/P2P server/Relay Server/Push Server/Embedded E-mail Service
- Motion Detection, Alarm in, Video Loss, HDD S.M.A.R.T Status, HDD Error, Recording Status, POS
- **Fire detection with thermal and flame sensor**
- Extendable up to 8 PoS Interface
- Live/Search & Copy/Network/PTZ/Camera
- Periodically Password Refresh for all users
- 12Hour, 1/2/3/4/5/6Day, 1/2/3Week, 1/2Month
- Periodical E-mail Report for HDD & Recording Status with various system info.
- P2P Service based Network Setup Wizard



		WDS-004Q06A-NH	WDS-008Q12A-NH	WDS-016Q24A-NH
Live Display (NTSC/PAL)	~ 1080p	Realtime (120/100 fps)	Realtime (240/200 fps)	Realtime (480/400 fps)
	1440p 30	Realtime (120 fps)	Realtime (240 fps)	Realtime (480 fps)
	1944p 20	80 fps with 1944p	160 fps with 1944p	820 fps with 1944p
	2160p 15	60 fps with 2160p	120 fps with 4K 2K	240 fps with 4K 2K
Recording & Playback	~ 720p	120/100 fps	240/200 fps	480/400 fps
	1080p	120/100 fps	240/200 fps	480/400 fps
	1440p 30	60 fps	120 fps	240 fps
	1944p 20	40 fps	80 fps	160 fps
	2160p 15	28 fps	56 fps	112 fps
	Video Codec	H.265		
Multiple Stream	Dual	Dual	Dual	
Camera Input	No of Ports	4	8	16
	Type and Port	HD-TVI / AHD / HD-CVI / D1(NTSC/PAL) via BNC ports		
	Resolution	D1(NTSC/PAL), 960H(NTSC/PAL), 720p25/30, 720p50/60, 1080p25/30, 1440p15/25/30, 1944p20, 4K2K15		
	Control	UTC Support		
IP Hybrid	No of IP Camera	~ 4	~ 8	~ 16
	Protocols	ONVIF or Vendor generic		
	Live Display Performance	Realtime Display with the D1/VGA 2nd Stream of Camera 4K2K 30fps for single channel display mode		
	Record Performance	120fps@4K2K + 120fps@D1/VGA	240fps@4K2K + 240fps@D1/VGA	480fps@4K2K + 480fps@D1/VGA
Monitor Output	Main Monitor	~1080p60 for HDMI/VGA	~4K2Kp30 for HDMI and ~1080p60 for VGA	
	SPOT Monitor	NTSC/PAL		
	Multiple Ch View	1,4, (6,7,8,9, (10,13,16) ) for both live and playback		
Audio In/Out	4 Line-in /1 Line-out & Audio on HDMI			
Alarm In/Out	4/1	8/1	16/1	
Storage	SATA	1 (2 optionally available)	2	2
	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		
USB Port	2 x USB2.0 at Rear	1xUSB2.0 at Front & 1xUSB2.0 at Rear	2xUSB2.0 at Front & 1xUSB3.0 at Rear	
System Control	USB Mouse			
Network	Port	10M/100M	10M/100M/1000M Ethernet	
	Protocols	DHCP, DDNS, P2P, uPNP, HTTP, NTP, SNMP, SMTP, Push Notification(iOS/Android), ONVIF		
	No of Client	Max. 4		
Multi-Language	Support			
<b>Fire detection Function</b>	<b>Supports Thermal &amp; Flame Sensor / Event Recording / Alarm Notification</b>			
Power	Adaptor (12V/3.0A)	Adapter (12V/5.0A )		
Operating Environment	-5~45 ℃ / 20~80% RH			
Remote SW's	RMS / Web / Android / iOS/MacOSX			
Dimension (WxDxH, mm)	254x215x42		360x240x52	

WDS Series - XVR

\* Design and spec can be changed without prior notice.