HYDRA HD™ SYSTEM BY NUVICO

Finally! A full 1080p HD solution that runs up to 1500ft.. ...on your existing coax!

ONVIF Network HD up to 300ft

BNC HD over 1000ft

Camera

Recorder

COAX | CAT5e

HYDRA HD™

KEY FEATURES:

- Available in 4, 8, or 16 HD-BNC ports
- Supports HYDRA HD cameras using BNC or RJ45
- 1080p HD quality over Coax with HYDRA HD™ cameras up to 1500ft
- Embedded Linux operating system
- Pentaplex function - simultaneous live / record / playback / network / file copy
- Recording compression method: H.264

- Multiple monitor outputs
- File copy method: USB flashdrive
- Multi-channel audio support
- Watermark
- Firmware upgrade via USB
- Free mobile app
- Free DDNS service

TECHNICAL SPECIFICATIONS:

HYDRA HD™ Recorders	HR-400	HR-800	HR-1600
Video Format	HYDRA HD™	HYDRA HD™	HYDRA HD™
Video Compression	H.264	H.264	H.264
Operating System	Embedded Linux	Embedded Linux	Embedded Linux
Pentaplex Function	Simultaneous Live / Record / Network / Playback / File Copy		
HD Video Input BNC / RJ45	4 / 1	8 / 1	16 / 1
Maximum Recording Rate & Resolution	120pps @ 1080p	240pps @ 1080p	480pps @ 1080p
Live Display	Single channel: 30pps @ 1080p, Multi-channel: 30pps @ 4CIF		
Monitor Output	HDMI, VGA		
Network Transmission Method	H.264		
Internal Storage	1 Internal HDD bay (Up to 4TB)	2 Internal HDD bay (Up to 4TB)	
Network Port	100Mb Ethernet		
Copy Method	USB Flashdrive (Max 2GB Clips)		
USB Ports	2		
Recording Modes	Continuous, Schedule, Alarm, Motion, and Recording		
Recording Adjustments	Resolution, frame rate, and picture quality per channel		
Search Mode	Time / Calendar / Event Search		
Watermark / Time Sync.	Yes / Yes		
Power Failure Recovery	Auto reboot while maintaining system settings		
Rack Mount Kit	N/A		
Operating Temperature	41°F ~ 104°F (0°C ~ +40°C)		
Dimensions (W-D-H) mm	13.5" x 10" x 2.23"	15" x 13.5" x 2.59"	
Power Input	DC 12V, 3 Amp	DC 12V, 5 Amp	DC 12V, 5 Amp

AVAILABLE MODELS:

Model Number	HDD Capacity
HR-420	**2TB**
HR-440	**4TB**
HR-820	**2TB**
HR-840	**4TB**
HR-1620	**2TB**
HR-1640	**4TB**

*Available in over 4TB for special order only

*Minimum System Requirements (Single site mode)

OS:	Windows 7 or Mac OS X 10.6
CPU:	Core 2 Duo
Memory:	2GB
Video Card:	1GB
Network:	100Mbps

*Preferred System Requirements (Multi-site mode)

OS:	Windows 7
CPU:	Core i7
Memory:	16GB
Video Card:	8GB
Network:	1Gbps

*Limited support/functionality for Mac OS X