

# VT-16HD2A-NH

[preliminary specs]

1080P [8MP / 4K on IP] 16 Channel OnCue Series Real-time Hybrid [H.265 / HD over COAX] Digital Video Recorder



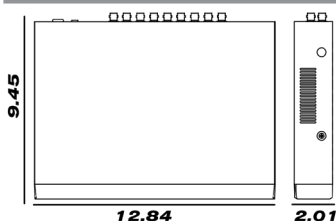
VITEKCCTV.COM  
(888) VITEK-70



## KEY FEATURES

- 16 Channel Stand-alone Real-time Hybrid [Network / HD over COAX] DVR
- 1280 x 1440 (2 MegaPixel) Real-time recording (Up to 8MP [4K] on IP Cameras)
- Live Display - 1080p: 480fps, 1440p Real-time (1280 x 1440): 480fps, 1440p Half Real-time: 240fps
- IP Hybrid (up to 16 Cameras), H.265 Video Compression
- Plug & Play / Auto Configuration for Leading ONVIF Compliant IP Cameras
- Real-time Display w/ D1 / VGA 2nd Camera Stream
- IP Recording Performance: 480fps@4K, 2K+ 480fps@D1, VGA
- VGA Monitor Output: 1080p@30fps, HDMI: 4K@60fps
- Multi Channel View: 1, 4, 6, 7, 8, 9, 10, 13, 16 for Live and Playback
- Audio: 4 Ch. In / 1 Ch., Alarm: 16 Ch. In / 1 Ch. Out
- Local Storage: 2 x SATA [up to 8TB each], 16TB Total
- Backup Devices: USB (HDD, Thumb Drive), NAS & Remote via Network
- Multi Channel Archive: Raw data format, Support with the Embedded Player
- AVI Archive: Embedded AVI formatting
- 2 x USB2.0 (1 Rear + 1 Front), 1 x RS485 (PTZ ctrl w/ CoC), USB Mouse
- User Privilege Set up: Live / Search & Copy / Network / PTZ / Camera
- Password Security: Periodic Password Refresh for All Users
- Recording Time Limit: 12 Hour, 1/2/3/4/5/6 Day, 1/2/3 Week, 1/2 Month
- Health Check/Report: Periodic E-mails (HDD & Recording Status + System Info.)
- Easy Network Setup: P2P Service-Based Network Setup Wizard
- Power Adaptor Included (12V / 2.0A~5.0A, 2.5Ø)
- 3-Year Warranty

## DIMENSIONS (Inches)



## REAR PANEL



## SPECIFICATIONS

Video Input	16 Channels up to 2 MegaPixel (8MP [4K] on IP Cameras)
Resolution	1920 x 1080 / 1280 x 1440px
Recording Compression	H.265
Live Display	1080p: 480fps, 1440p Real-time (1280 x 1440): 480fps, 1440p Half Real-time: 240fps
Recording and Playback	1080p: 240fps, 1440p Real-time & Half Real-time: 240fps, D1/960H/720P: 480fps
2-Way Audio, Local Output	4 Ch. Audio In + 1 Ch. Audio Out
Alarm In / Out	16 Ch. In + 1 Ch. Out
Camera Input	16
Camera Resolution	1080p: 25/30fps, 1440p: 15/25/30fps, 720p: 50/60fps, 720p: 25/30fp, D1(NTSC/PAL), 960H(NTSC/PAL)
IP Camera Input	16
Protocols	ONVIF or Vendor Generic
Live Display Performance	Realtime Disp. with D1/VGA 2nd Camera Stream, I-Frame Only Displays w/out IP Cam Substreams for Multi Ch. View Mode
IP Recording Performance	480fps@4K 2K+, 480fps@D1, VGA
Main Monitor Output	HDMI: 30fps@4K, VGA: 60fps@1080p
Spot Monitor	NTSC / PAL
Multi Channel View	1, 4, 6, 7, 8, 9, 10, 13, 16 for Live and Playback
Storage	16TB Total: 2 x SATA (Up to 8TB each)
Backup Devices	USB (HDD, Thumb Drive), NAS & Remote via Network
Multi Channel Archive	Raw data format, Support with the Embedded Player
AVI Archive	Embedded AVI formatting
USB Port	2 x USB2.0 (1 Rear + 1 Front)
RS485	YES x 1, PTZ Control via Control over COAX (CoC)
System Control	USB Mouse
Network Protocol	DHCP, DDNS, P2P, UPnP, NTP, SMTP, HTTP, Push Notification (iOS / Android), ONVIF
Network Ports	10M/100M/1000M Ethernet + 10M/100M/1000M Local
Number of Clients	Max. 4
Dedicated Network Streaming	(Live) Various Res. Size / Quality / FPS, (Playback) Dual Strm.
RAID (Mirroring)	Configurable Dual Recording
Search	Calendar / Time / Event / Panorama / Motion Area
P2P/DDNS/Push Notifications/Email	oncueddns.com / P2P server / Relay Server / Push Server / Embedded E-mail Service
Event / Event Type	Motion Detection, Alarm in, Video Loss, HDD S.M.A.R.T Status, HDD Error, Recording Status, POS
Notification Action	E-mail w/ Snapshot, Buzzer, Pop-up, Symbol, Push Notification
Remote Software	RMS / Web / Android / iOS
PoS I/F integration	Extendable up to 8 PoS Interface
Working Environment	23°~113°F @ 20% ~ 80% RH
Dimensions (W x D x H)	12.84 x 9.45 x 2.01" / 326 x 240 x 52mm
Weight Gross / Net	8.82lbs (4kg) / 6.61lbs (3kg)



(888) VITEK-70 • WWW.VITEKCCTV.COM

An Eye On Innovation