

HD DVR SUPPORTING MULTI VIDEO FORMAT & BUILT-IN SIGNAL PUSH TECHNOLOGY



KEY FEATURES

- 16ch Standalone DVR supporting multi-format video input
- Supports diverse video standards
Digital : HD1080p, HD720p, SIGNAL PUSH
Analog : Standard, 960H (NTSC/PAL)
- Built-in SIGNAL PUSH receiver function for all channels
- (Supports up to 400m HD video transmission without repeater)
- Up to 30fps(25fps) recording and playback per channel
- Adjustable recording quality and framerate per channel

MODEL: NUBIX16TRXB

- Supports Dual Codec(H.264,JPEG) & Multi Stream
- HDMI, VGA, BNC video output
HDMI & VGA : 1920 x 1080 video output
BNC : CVBS. User-defined display & Alarm spot monitor support
- Various Live and Playback display (1/4/9/10/13/16 Split-screen)
- Robust IPFR (Intelligent Power Failure Recovery) DVR File System
- Max. 5 Internal SATA Type HDDs
- Supports Max. 128TB(ECL-TRXNAS) connection via Gigabit ethernet) and Max. 32TB(e-SATA) external storage interface
- Date/Time, Calendar/Time-line, Event, Thumbnail(Time Interval), Text
- Search available
- At-the-PC Playback of removed DVR HDD
- Lightning arresters on Video input, RS-485, DIO ports
- Provides bundle CMS program, managing Max. 1,024 DVRs in various ways such as E-map, Viewset
- Java Viewer for Chrome, Firefox, Safari
- Supports various mobile platform (iPhone/Android Viewer)
- Provides Full SDK for easy and powerful customization

SPECIFICATIONS

* VIDEO INPUT									
Video input format	HD-SDI (SMPTE 292M), SIGNAL PUSH, CVBS, 960H								
Resolution / Frame Rate	<table border="1"> <tr> <td>HD1080p</td> <td>1920x1080 / 25, 30 FPS</td> </tr> <tr> <td>HD720p</td> <td>1280x720 / 25, 30, 50, 60 FPS</td> </tr> <tr> <td>510H/760H</td> <td>720x480 / 60i or 720x576 / 50i</td> </tr> <tr> <td>960H</td> <td>960x480 / 60i or 960x576 / 50i</td> </tr> </table>	HD1080p	1920x1080 / 25, 30 FPS	HD720p	1280x720 / 25, 30, 50, 60 FPS	510H/760H	720x480 / 60i or 720x576 / 50i	960H	960x480 / 60i or 960x576 / 50i
HD1080p	1920x1080 / 25, 30 FPS								
HD720p	1280x720 / 25, 30, 50, 60 FPS								
510H/760H	720x480 / 60i or 720x576 / 50i								
960H	960x480 / 60i or 960x576 / 50i								
Connectors	16ch, 75Ω BNC connector								
* VIDEO OUTPUT									
HDMI VGA	1, 4, 9, 10, 13, 16 split-screen, 1920 x 1080, User-defined display / Alarm pop-up								
BNC	1, 4, 9, 10, 13, 16 split-screen, CVBS, Channel Switching / Alarm pop-up								
* RECORDING									
Compression	H.264 / JPEG								
Resolution	1920 x 1080, 1280 x 720, 720 x 480(576), 960 x 480(576)								
Rate	Max. 30fps(25fps) per channel								
Quality	10 levels up to 12Mbps								
Mode	Manual & Event / Schedule & Event / Continuous & Event								
Schedule	24hrs / 7days								

* PLAYBACK	
Mode	Instant Playback /Search
Speed	Max. 30fps(25fps) per channel
Search type	Date/Time, Calendar/Time-line, Event, Thumbnail, Text
Block playback	24 hours - 99 days
* E EVENT & ALARM	
Event source	MD(Motion Detection), Sensor, Text, Video Loss
Event check schedule	24hrs / 7days
Event action	Buzzer, Relay, E-mail, FTP, Alarm pop-up
MD area	15 x 10
Sensor input	Dry contact (NO or NC selectable)
Text input	POS/ATM support, AVE VSI Pro/Hydra support
* SYSTEM ALARM	
Alarm source	HDD fail, HDD almost full, Fan fail, Password fail, WRS fail
Alarm action	Warning message, Buzzer, E-mail, Relay
* AUDIO	
Input/output	4 RCA input / HDMI & RCA output
Compression	ADPCM (32Kbps, 16KHz, 16bit sampling)
Direction	Both
* PTZ	
Protocols	Pelco-D, Pelco-P, Samsung, Panasonic and others
* NETWORK	
Interface	1 Gigabit Ethernet (10/100/1000Mbps)
Type	Static IP, Dynamic IP, xDSL
DDNS	WNS, DynDNS, NoIP, WRS
Bandwidth limit	Supported
NTP	Server / Client / Both
Users	10 Monitoring, 2 Playback
Streaming	H.264 stream, High resolution
	1 additional H.264 stream, Normal resolution
	1 JPEG stream, Normal resolution for e-mail or mobile

* SECURITY	
User level	1 admin, 10 users
User privilege	Menu, PTZ, Relay, Playback, Power, Copy, Network MIC
IP filtering	Supported
* STORAGE & BACKUP	
Storage devices	5 internal SATA HDDs, 1 external eSATA Interface, ECL-TRXNAS 1 Gigabit network for storage
File system	Proprietary file system, Data-loss protection against power-failure
Capacity	Max. 32TB with eSATA, Max. 128TB with cascaded ECL-TRXNAS
Backup type	Multi-channel or Single channel avi file
Backup device	USB drive (2 ports)
S.M.A.R.T.	Temperature and Health checking
* SERIAL & I/O	
Serial port	1 RS-232C, 2 RS-485
Sensor input	16 Dry-contacts
Relay output	4 Relays
* CONTROLLER	
Device	IR remote controller, Joystick Keyboard, Mouse
* SOFTWARE	
Web viewer	Monitoring / Event / PTZ / Playback for IE
Java viewer	Monitoring / Event / PTZ for IE, Chrome, Safari
Mobile viewer	Monitoring / PTZ / LogView / Playback with iPhone & Android
CMS	Control Center, Max. 1024 DVRs
SDK	ActiveX(COM) SDK
* ENVIRONMENTAL & PHYSICAL	
Dimension	445(W) x 418(D) x 88(H) mm
Weight	10 Kg (No HDD)
Operating Temperature	5°C~45°C (41°F ~ 113°F)
Power	AC free volt (100 ~ 240VAC), 50/60Hz
Power consumption	Max. 100W, Typical 70W (1 HDD)
Approval	KC, FCC, CE, RoHS

