



\*Rear Panel



H.264

# 16CH NETWORK VIDEO RECORDER



## FEATURES

- Support 16 CH 3MP@30fps or 1080P@30fps or 960P@30fps or 720P@30fps IP input
- Adopt standard H.264 high profile compression format to get high-quality video at much lower bit rate
- Intuitive and user-friendly Graphic User Interface ( GUI ), Windows style operation by mouse
- Multi-mode recording: manual / timer / motion / sensor
- Playback : support 4 CH playback
- Search : calendar / time, events ( alarm, motion )
- Express and flexible backup via USB, network or DVD-RW(SATA)
- 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 streaming technology to encode recording stream and network stream separately . User can adjust network stream to fit bandwidth without changing recording quality
- Multi-user online simultaneously
- Authorization management, log review and device status review
- HDMI 1080P output, true high resolution display
- Support PTZ preset & auto cruise, up to 128 presets & 8 cruises
- Powerful smart phone surveillance supporting iPhone, Android
- Complete SDK software available, easy to integrate with other applications

NVST TN280-16D	
<b>SYSTEM</b>	
Compression	Standard H.264 / MPEG4
CPU	Cortex A9
OS	Embedded Linux
<b>VIDEO</b>	
Output	VGA x 1 : 1920 x 1080 HDMI x 1 : 1920 x 1080
<b>IP INPUT</b>	
Resolution	3MP / 1080P / 960P / 720P
Frame Rate	16 CH 3MP / 1080P / 960P / 720P @30 fps
<b>AUDIO</b>	
Input	16 CH IPC input
Output	RCA x 1
2-way audio	RCA x 1
<b>RECORD</b>	
Resolution	3MP : 2048 x 1536, 1080P : 1920 x 1080 960P : 1280 x 960, 720P : 1280 x 720 D1 : 704 x 576
Frame Rate	400 fps ( PAL ), 480 fps ( NTSC )
Bit Rate	256Kbps ~ 12Mbps
Encode	VBR / CBR
Quality	6 Level
Mode	Manual, Timer, Motion, Sensor
File Manager	Lock, unlock, reserving time
<b>PLAYBACK</b>	
Playback	4 CH
Search	Time/calendar search, event (motion,external alarm)
Smart Search	Apply different colors to display whether a channel in a period of time recording or not
Function	Play, Pause, FF, FB, Digital zoom
<b>ALARM</b>	
Mode	Sensor, Motion, Video Loss
Input	16 CH local input, support IPC alarm input
Output	4 CH
Triggering	Record, PTZ move, alarm out, e-mail, etc
<b>NETWORK</b>	
Interface	RJ45 10M/100M/1000M adaptive ethernet network port x 1
Protocol	TCP / IP, UDP, DHCP, DNS, PPPoE, DDNS, E-mail
Others	20 users online, dual stream
<b>CELLPHONE</b>	
OS	iPhone, Android
Function	Multi-screen surveillance, record, snapshot, PTZ control, save the device list
<b>PORT</b>	
HDD	SATA x 8
RS485	RS485 x 2, one for PTZ, one for keyboard
USB	USB 3.0 x 1, USB 2.0 x 1, one for mouse, another for USB backup device
Remote Controller	Yes
<b>OTHERS</b>	
Power Supply	ATX
Consumption	< 15W (without HDD)
Dimensions	430 mm x 450 mm x 89 mm (W x D x H)
Work Environment	-10 ~ 55 °C =, 10% ~ 90% Humidity



\*Accessories