

## TSD-N104 Network Video Recorder

HD/ Full High Definition



### Main Features

- Support P2P cloud service, including cloud connecting, cloud monitoring, cloud transmitting to access IPC and NVR at anytime and anyplace;
- All channels image can be displayed simultaneously and main stream display under 4 Split screen mode;
- Recording backup can be accurate to second, Any time period of backup is available;
- Backup recording files in the USB disk can play and search on the NVR directly;
- Support 15X zoom under preview and playback modes;
- NVR assigns IP address for IPC automatically, plug and play(only for the IPC that has private protocol with NVR);
- Support setting IPC parameters on the NVR directly;
- Multi-Language selectable:
  - English, Spanish, Italian, French, Russian, Persian, Japanese, Chinese, Traditional Chinese, Polish, Thai, Hebrew, Dutch , Kazak
- Support remote view with iphone \ Android

### Technical Specification

Model	TSD-N104
Operating System	Embedded LINUX operating system
Image Code Control	Image code quality adjustable, variable bitstream and constant bitstream optional
Dual Stream	Each channel can set main stream and sub stream
Video Standard	1080P(1920x1080)30fps/960p(1280x960)/720P(1280x720)30fps
Monitoring Image Quality	1080P(1920x1080) /960p(1280x960)/720P(1280x720)
Image Motion Detection	Each screen can set multiple detection areas and set 6-level sensitivity
Recording playback Quality	Any 4ch 1080P/960P/720P playback simultaneously
Region Cover	Every Channel can set 4 cover regions (IPC Support)

Local Distributor,

### GLOBAL TELE COMMUNICATIONS

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<b>Recording Mode</b>		Support manual, auto, motion detection, alarm trigger record mode
<b>Backup Way</b>		Support U disk, USB mobile HDD,USB DVD-RW, Network storage and backup
<b>Operation Way</b>		Mouse,
<b>Local login</b>		User name and password
<b>Recording Storage</b>		Local HDD, network
<b>External Ports</b>	<b>Video Input</b>	20x(1280*960)+sub[640*480]+4Ref.+4Play support 20ch 1.3MP IP camera
		16x(1920*1280)+sub[640*480]+4Ref.+4Play support 16ch 2MP IP camera
		4x(2048*1536)+sub[960*576]+4Ref.+4Play support 4ch 3MP IP camera
		20x(1280*960)+sub[720*576]+1Ref.+4Play support 20ch 1.3MP IP camera
		16x(1920*1080)+sub[720*576]+1Ref.+4Play support 16ch 2MP IP camera
	<b>Audio Input</b>	According to network audio channel numbers 1:1 network audio input
	<b>Video Output</b>	1ch VGA +1Ch HDMI
	<b>Audio Output</b>	1Ch RCA
	<b>Network Port</b>	1RJ45,10M/100/1000M self-adaptive LAN port
	<b>RS485 Port</b>	Full duplex standard 485 port
	<b>USB Port</b>	3 USB 2.0 ports(one on front panel, two on rear panel)
	<b>Alarm Input</b>	4ch
	<b>Alarm Output</b>	1ch
	<b>Wireless Port</b>	3G,WiFi
<b>HDD</b>	<b>HDD Port</b>	4SATA +1 E-SATA HDD Ports
	<b>MAX Capacity</b>	Each port supports MAX 4TB HDD E-SATA port support 9HDD expansion shelf
<b>Mobile Surveillance</b>		Support(iPhone, windows Mobile, BlackBerry, Symbian, Android)Smart phone
<b>Power Supply</b>		12V 6A
<b>Power Consumption</b>		≤25W (without HDD)
<b>Working Temperature</b>		-10°C~+55°C
<b>Working Humidity</b>		10%-90%