

# CS-N220 P16

# H.265 2HDD 20ch PSE NVR

Sharp Series



## KEY FEATURES

### HD Input

- Plug and play
- S+265/H.265/H.264 video formats
- Connectable to the third-party network cameras
- Up to 20-channel input
- 16 PoE ports
- Supports live view, storage, and playback of the connected camera at up to 8MP resolution

### HD Output

- 1×HDMI and 1×VGA simultaneous outputs
- HDMI Video output at up to 4K (3840 × 2160) resolution

### HD Storage

- 2 SATA interfaces, up to 10TB for each HDD
- S+265 compression effectively reduces the storage space and costs by up to 75%

### HD Transmission

- 1xRJ45 self-adaptive 10/100/1000 Mbps network interface
- PoE Port: 16×RJ45 self-adaptive 10/100 Mbps network interfaces

### Various Applications

- Centralized management of IP cameras, including configuration, information import/export, real-time information display, upgrade, etc.
- Connectable to smart IP cameras from Tiandy and the recording, playing back, and backing up of VCA alarms can be realized
- VCA detection alarm is supported
- Smart search for the selected area in the video and smart playback to improve the playback efficiency
- Web6 supports plug-in-free browsing and can preview videos on all browsers
- Support cloud upgrade
- Support 250m long-distance transmission



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## SPECIFICATIONS

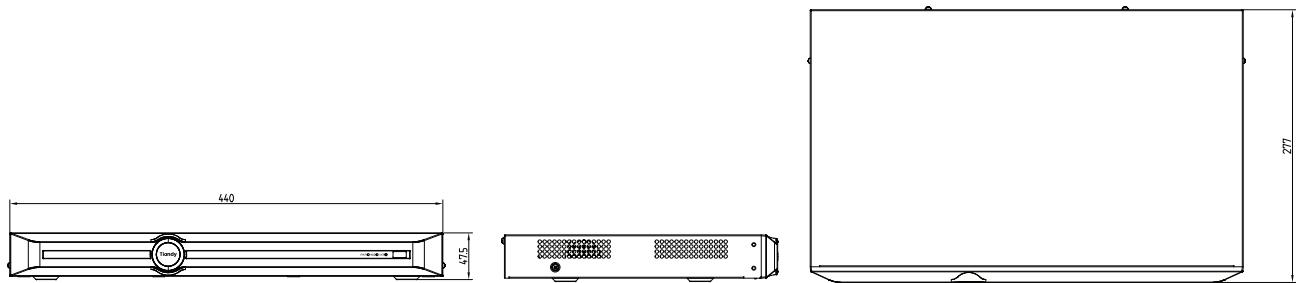
Input		
Video Input	20-ch	
Max Resolution	8MP	
Two-way Audio Input	1-ch, 3.5mm	
Bandwidth	Income 120Mbps; Outgoing 100Mbps	
Output		
HDMI/VGA Output	HDMI 1-ch, 3840×2160, 2560×1440, 1920×1080, 1280×720, 1024×768, 1440×900, 1280×800 VGA 1-ch, 1920×1080, 1280×720, 1024×768, 1440×900, 1280×800	
Screen Split	1/2/3/4/5/6/7/8/9/10/12/13/16/20A/20B	
Audio Output	1×RCA	
Decoding		
Decoding Format	S+265/H.265/H.264	
Recording Resolution	8MP/6MP/5MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF	
Preview Capability	1×8MP, 1×6MP, 1×5MP, 2×4MP, 4×1080P, 8×720P, 20×4CIF	
Synchronous Playback	1×8MP, 1×6MP, 1×5MP, 2×4MP, 2×3MP, 4×1080P, 8×720P	
Records Encryption	Yes	
Hard Disk		
SATA	2 SATA interfaces for 2 HDDs	
Capacity	Up to 10TB for each HDD	
eSATA Interface	N/A	
Array Type	N/A	
External Interface		
Network Interface	1×RJ45 self-adaptive 10/100/1000 Mbps network interface	
USB Interface	2×USB 2.0	
Serial Interface	N/A	
Alarm In/Out	4/1	
Network		
Protocol	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, IGMP, QoS, IPV4, IPV6, Multicast, ARP, UDP, SNMP, SSL, Telnet, RTMP, NFS	
System Compatibility	ONVIF (PROFILE S/T/G), SDK, P2P	
POE		
POE Interface	16×RJ45 self-adaptive 10/100 Mbps network interface	
Power per POE Port	30W	
Max Current per POE Port	600mA	
General		
Web Version	Web6	
Language	Simple Chinese, Traditional Chinese, English, Spanish, Korean, Italian, Turkish, Russian, Thai, French, Polish, Dutch, Hebrew, Arabic	
Operating Conditions	-10°C ~ 55°C, 10%~90% RH	
Power Supply	100~240V AC, 50~60 Hz	
Consumption (without HDD)	≤25W (without HDD)	
Chassis	1U	
Dimensions	47.5×277×440mm, (1.87×10.91×17.32 inch)	
Weight (without HDD)	3.05Kg (6.72lb)	



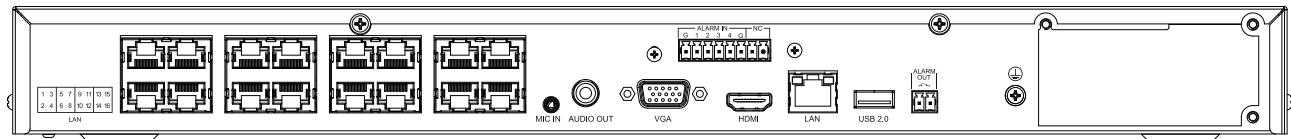
## AVAILABLE MODEL

### CS-N220 P16

#### DIMENSIONS (Unit: mm)



#### Physical Interfaces



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