

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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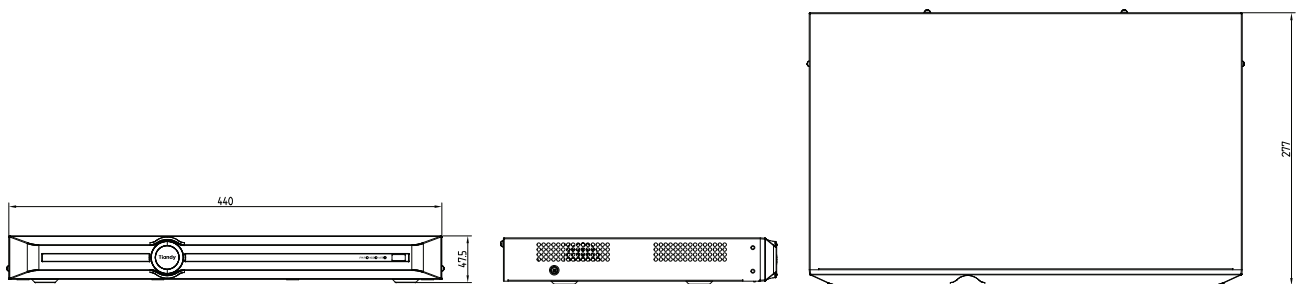
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## SPECIFICATIONS

| 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, Hebraism, 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**

