

# Tiandy



## TC-R3216 Spec: I/B/X

# 2HDD 16ch Hybrid NVR

Pro Series



## KEY FEATURES

### HD Input

- Support HDTV/HD/SDI/CVBS/IP camera inputs
- S+265/H.265/H.264 video formats
- Up to 16 BNC or 32 IP camera inputs
- Supports live view, storage, and playback of the connected camera at up to 8MP resolution

### HD Output

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

### HD Storage

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

### HD Transmission

- 1×RJ45 self-adaptive 10/100/1000 Mbps network interface

- 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 NFS



## SPECIFICATIONS

| Input                    |  |
|--------------------------|--|
| Analog Input             | 16-ch  |
| IPC Input                | 16-ch (Up to 32-ch)  |
| HDTVI Input              | 8MP, 5MP, 4MP, 3MP, 1080P, 720P  |
| AHD Input                | 5MP, 4MP, 3MP, 1080P, 720P   |
| HDCVI Input              | 4MP, 1080P   |
| CVBS Input               | PAL/NTSC   |
| Max IPC Resolution       | 8MP  |
| Two-way Audio Input      | 4-ch, RCA  |
| Bandwidth                | Income 128Mbps; Outcome 128Mbps  |
| Output                   |  |
| HDMI/VGA Output          | HDMI: 1-ch, 3840×2160, 2560×1600, 2560×1440, 1920×1080, 1280×720, 800 ×600, 1024×768, 1366×768, 1440×900, 1280×800 |
|                          | VGA:1-ch, 1920×1080, 1280×720, 800×600,1024×768, 1366×768, 1440×900, 1280×800                                      |
| BNC Output               | 720×576  |
| Screen Split             | 1/3/4/5/6/7/8/9/10/13/16/20A/20B/25/32/36  |
| Audio Output             | 1-ch, 3.5mm  |
| Encoding                 |  |
| Encoding Format          | H.265/H.264  |
| Recording Resolution     | 8MP@8fps/5MP@12fps/4MP@15fps/3MP@18fps/(1080P/720P/WD1/4CIF/VGA/CIF)@30fps   |
| Zero Channel             | 720P@20fps, 4CIF@30fps   |
| 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 (IPC) | 4×4K, 6×5MP, 8×4MP, 16×1080P, 32×720P  |
| Synchronous Playback     | 4×4K, 6×5MP, 8×4MP, 16×1080P, 32×720P  |
| 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        | 1xRJ45 self-adaptive 10/100/1000 Mbps network interface  |
| USB Interface            | 1×USB 3.0, 1×USB 2.0   |
| Serial Interface         | 1×RS 485   |
| Alarm In/Out             | 16/4   |

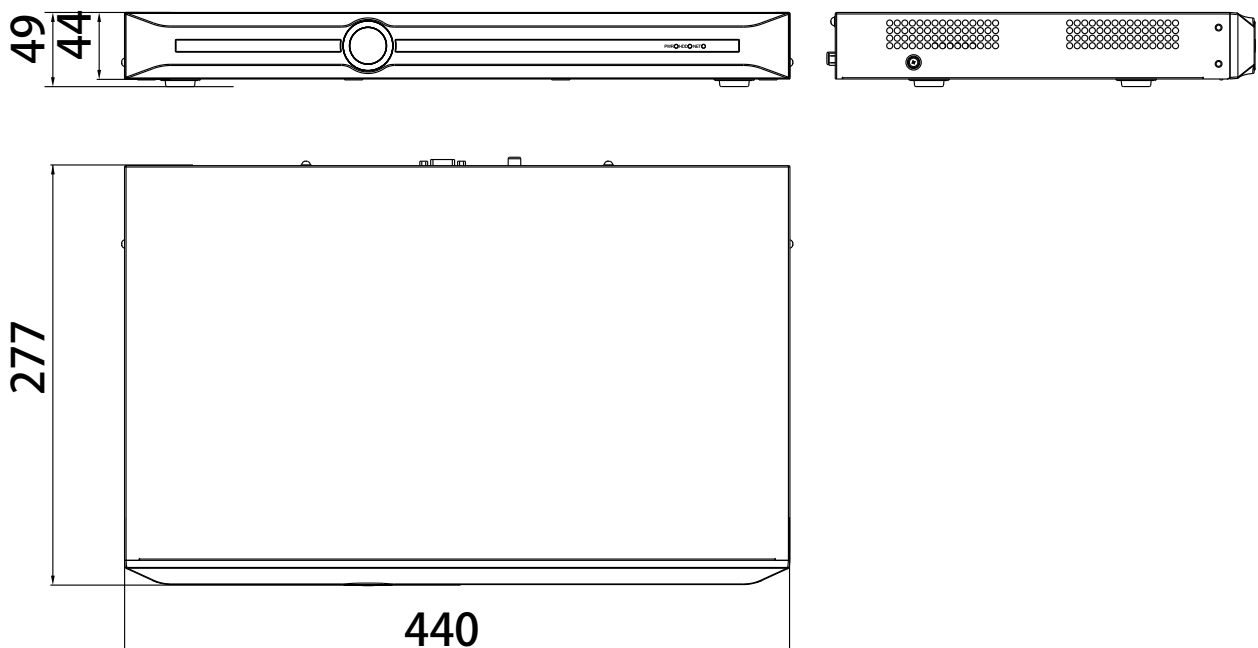
# Tiandy

| General                   |  |
|---------------------------|--|
| Web Version               | Web6   |
| Language                  | 14 Languages<br>English, Russian, Spanish, Korean, Italian, Turkish, Simple Chinese, Traditional Chinese, Thai, French, Polish, Dutch, Hebraism, Vietnamese  |
| VCA Functions             | Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Running, On Duty Detection, Crowded Detection, Video Abnormal, Audio Abnormal, Face Detection, Demographics, Early Warning |
| Protocols                 | TCP/UDP/HTTP/UPnP/DHCP/PPPoE/DDNS/NFS/FTP/NTP/RTSP/SMTP/SNMP/DNS/RTMP  |
| Operating Conditions      | -10°C ~ 55°C, 10%~90% RH   |
| Power Supply              | DC12V  |
| Consumption (without HDD) | ≤25W (without HDD)   |
| Chassis                   | 1U   |
| Dimensions                | 45.1×255×231 mm (1.78×10.04×9.09 inch)   |
| Weight (without HDD)      | 2.5Kg (5.51lb)   |

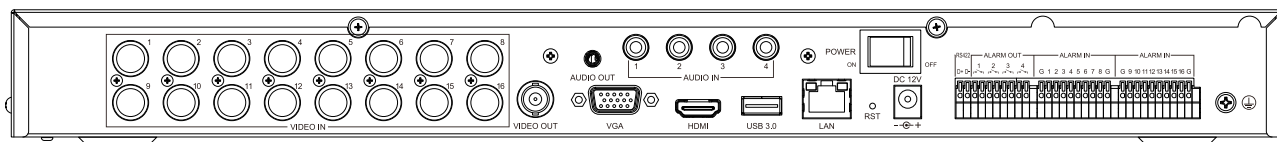
## AVAILABLE MODEL

### TC-R3220 SPEC: I/B/P

## DIMENSIONS



## Physical Interfaces



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