

# VTC-VD1104



## Introduction

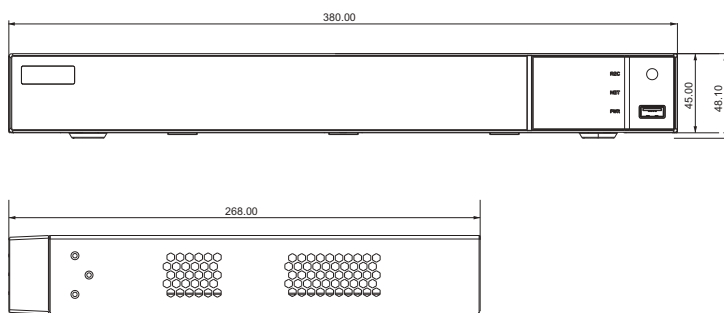
With the high-performance SOC decoding chip and stable and reliable Linux OS, VTC-VD1104 can be excellently served to the high-definition surveillance system. It not only supports multi-channel standard-definition and high-definition network videos decoded on video wall independently (in device running mode), but also it can be managed in an integrated way by video surveillance management platform (in platform running mode). Moreover, it also has lots of advanced and convenient functions, such as H.264/H.265, device superior-subordinate management, screen splicing, window opening, roaming and so on.

Therefore, this decoder can be widely used in banks, schools, intelligent buildings, transportation, environmental protection, supermarkets, gasoline stations, housing estates, factories, etc.

## SPECIFICATIONS

Model	VTC-VD1104
<b>Specifications</b>	
OS	Embedded Linux
Compression Format	H.265 HP/MP/BP, H.264 HP/MP/BP
Video Input	HDMI×1:1920×1080 / 1600×1200/1680×1050/1440×900/1400×1050/ 1366×768/1280×1024/1280×960/1280×800/1280×720/1152×864/ 1024×768/800×600
Video Output	HDMI×4:3840×2160(odd number ports supported) /1920×1080 /1280×1024 VGA×4:1920×1080/1280×1024; BNC×4:CVBS output
Frame Rate	1-50fps/CH (PAL), 1-60fps/CH (NTSC)
Decoding Resolution	8MP, 5MP, 4MP, 3MP, 1080P, 960P, 720P, WD1, D1, CIF
Decoding Capability	8CH 8MP@30fps or 16 CH 4MP@30fps or 32CH 1080P@30fps or 64CH 720P@30fps or 128CH D1 or lower
Screen Display Mode	1/4/9/16/25/36
Screen Splicing Mode	1×2, 2×1, 2×2
Audio Output	RCA×4
Talkback	Audio input×1, audio output×1, 3.5mm audio interface (level: 2.0Vp-p, 1KΩ)
Network Interface	Gigabit Ethernet × 2, load balancing and hot standby
Alarm Interface	Alarm input×8, alarm output×8
Serial Ports	RS 485×1, RS232×1
USB Interface	USB3.0×1, USB2.0×1
Power Consumption	DC12V
Dimensions(mm)	380(W)×268(D)×45(H)
Weight	2KG
Working Environment	Temperature:-20°C~50°C; RH Humidity: 5%~95%(non-condensing)

## Dimensions



## Features

### Decoding & Display

- 4\*HDMI@1080P; HDMI1 and HDMI3 support 4K
- 4\*VGA output, 4\*BNC output
- Supports PS, RTP, TS, ES encapsulation formats (in platform running mode)
- Supports NTSC & PAL video formats
- H.265 HP/MP/BP and H.264 HP/MP/BP
- 8CH 8MP@30fps or 16CH 4MP@30fps or 32CH 1080P@30fps or 64CH 720P@30fps or 128CH D1 or lower
- G.711A/G.711U
- 1CH audio input; 4CH audio output
- 1CH two-way audio

### Decoding Control

- Supports live view and playback decoding
- 1/4/9/16/25/36 screen display mode
- Splicing, window opening, roaming
- View cameras or camera groups in sequence

### Stream Mode

- A&V streams can be acquired actively and passively
- A&V streams can be directly acquired from TVT IPC/DVR/NVR by SDK private protocol
- A&V streams can be acquired from NVMS platform or encoding devices by RTSP/RTP protocol
- A&V streams can be acquired from IPC by ONVIF protocol Device Management
- Supports multi-level device control (master-slave mode)
- A maximum of 64 decoders can be manageable

### Access

- Provides HTTP API protocol for the third-party
- Supports platform running mode and device running mode

### Operation and Maintenance

- Supports device search
- Supports WEB client access, configuration and management
- Supports time zone, time and date settings
- Supports data prot and HTTP port settings
- Supports data backup and restoration
- Supports remote reboot and one-button reset
- Supports online and U-disk upgrade
- Supports dual gigabit Ethernet ports, load balancing