



## Decoding machine



### Features

- 6/9/12/16-channel decoders now support any combination of mixed cascade, up to 4 units cascade, and support cascade with V1.0 version
- Support 4K high-resolution input and output
- Support 2-channel local HD video input + 9-channel video decoding output
- HD video input supports HDMI
- Support H.264/265 and other encoding formats
- Supports H.265, H.264 Baseline/Main/High-profile encoding levels
- Support 16 system plans and quick retrieval
- Audio decoding supports G.711A, G.711U, AAC, ADPCM audio format decoding
- The number of decoding channels of the whole machine is 144
- Supports free division of decoding performance
- Supports 9-screen cascade splicing, window opening, overlay, roaming, cross-screen and other functions
- Supports window opening, overlay, roaming, cross-screen and other functions
- Any signal can achieve stepless zoom function
- Interactive visual software operation terminal, supports PAD control using Safari browser
- Support alarm input/output function setting, support arming and disarming time setting
- Support alarm linkage switching
- Support adding 64 channels of patrol decoding to a single screen
- Support video file decoding and output on the wall
- Support network keyboard/RS485 keyboard to control the front end through the decoder
- Support transparent channel

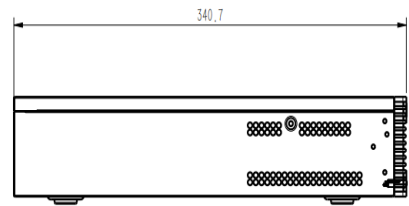
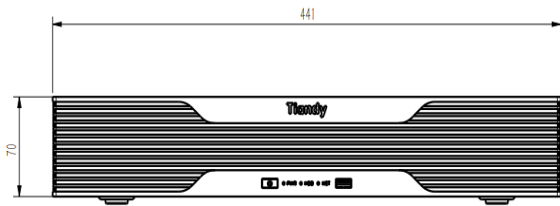
- HD video input can be segmented, spliced, windowed, roamed, and overlaid along with decoding
- Support ONVIF standard protocol to access front-end devices
- Support RTP/RTSP protocol for device browsing
- Supports using RTSP URL to obtain and decode streams from encoding devices
- Supports platform integration of devices via SDK
- Supports GB28181 protocol access platform
- Support WEB mode or platform access, configuration and management
- Support remote acquisition and configuration of parameters, support remote export and import of parameters
- Support remote acquisition of system running status and system logs
- Support remote restart, restore default configuration, upgrade and other daily maintenance
- The whole machine contains 1 reset button
- Display compatibility: LCD screen

## Technical specifications:

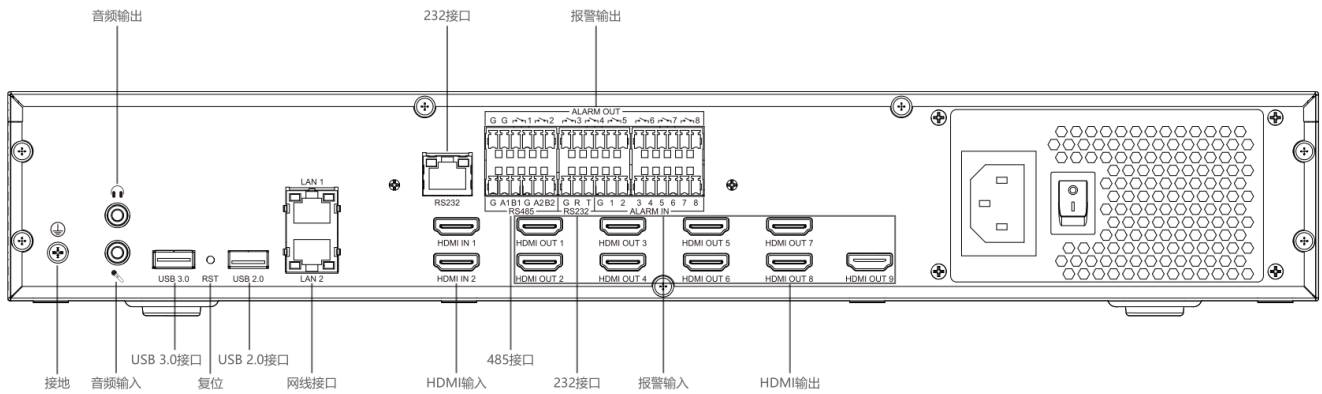
Output parameters	
Output Interface	9 HDMI outputs
HDMI output resolution	4k (3840*2160@30Hz) (only supported by ports 1, 5, and 9 in HD mode) 1920*1080@60Hz, 1280*720@60Hz, 1280*800@60Hz, 1440*900@60Hz, 1280*1024@60Hz, 1366*768@60Hz, 1024*768@60Hz, 800*600@60Hz
Input parameters	
input interface	2-way HDMI
HDMI input resolution	4K (3840*2160@30Hz), 1920*1080@60Hz, 1440*900@60Hz, 1366*768@60Hz, 1280*1024@60Hz, 1280*960@60Hz, 1280*800@60Hz, 1280*720@60Hz ,1024*768@60Hz, 800*600@60Hz
Splicing ability	
spelling control function	Supports windowing, overlay, roaming, cross-screen and other functions
Splicing ability	1*2, 1*3, 1*4; 2*1, 2*2, 2*3, 2*4; 3*2, 3*3; 4*2
Open window/roaming	1*1, 1*2, 1*3, 1*4, 2*1, 2*2, 2*3, 2*4, 3*2, 4*2: 4 windows per screen
Basic parameters	
IE management	Support IE setting function for each group of output, alarm input/output function setting, arming and disarming time setting
Alarm switching	Support alarm linkage switching
Patrol decoding	Supports adding 64-channel patrol decoding to a single screen
Video decoding	Support video file decoding and output on the wall
keyboard control	Support network keyboard RS485 keyboard control front end through decoder
transparent channel	Support transparent channel transmission
Network protocol	Support RTSP, TCP/IP, RTP, UDP, HTTP, IGMP, Telnet, ICMP, ARP and other network protocols
Open and compatible	Support ONVIF/GB28181 protocol
Management	Support WEB or platform access, configuration and management

Configuration	Support remote acquisition and configuration of parameters, support remote export and import of parameters
log	Support remote acquisition of system operation status and system logs
system maintenance	Support remote restart, restore default configuration, upgrade and other daily maintenance
<b>Decoding parameters</b>	
Decoding channels	Single machine 144 channels
Decoding capability	12 -channel 1200W@30fps, 24 -channel 800W@30fps, 30 -channel 600W@30fps, 36 -channel 500W@30fps, 48 -channel 400W@30fps, 60- channel 300W@30fps, 96 -channel 1080P@30fps
Video Format	S+265, H.265, H.264, MPEG4
audio format	G.711A, G.711U, AAC, ADPCM
Audio sampling rate	8K, 16K, 32K, 48K
Stream Access Protocol	Private, onvif, rtsp
Client streaming	Private, onvif, GB28181 (coordinated with platform streaming)
Screen division number	Non-HD mode: 1*1, 1*2, 1*3, 2*1: 1/2/3/4/6/8/9/10/13/16 2*2, 1*4, 2*3, 2*4, 3*2, 4*2: 1/2/3/4/6/8/9/10/13/16/20/25/36 3*3: 1/2/3/4/6/8/9/10/13/16/20/25/36/40/64/81 HD mode: 1*1, 1*2, 1*3, 2*1: 1/2/3/4/6/8/9/10/13/16/20/25/36/40/64
Maximum access bandwidth	64 0Mbps
<b>Interface parameters</b>	
Network Interface	2 RJ45 10M/100M/1000Mbps adaptive Ethernet interfaces
Audio	1 channel 3.5mm audio input interface, 1 channel 3.5mm audio output interface
Call the police	8-way alarm input, 8-way alarm output (green terminal)
serial interface	2 pcs 232 (RJ45*1, green terminal*1); 2 pcs 485 (green terminal)
USB interface	USB3.0 1, USB2.0 2 (1 on the front panel, 1 on the rear panel)
reset button	support
Optical port	not support
Dual power	not support
<b>General Specifications</b>	
power supply	AC 220V
power	≤55W
Operating temperature	-10°C-- + 55°C
Working humidity	10%--90%
size	441 mm (width) * 341 mm (depth) * 75 mm (height including feet)
weight	5.25 kg
Single box size	540 (L) 175 (W) 455 (H)
Single box weight	6.55kg
Integrated package size	565(L)485(W)750(H)
Integrated package weight	28.3kg

## Dimensions:



## Hardware interface:



产品专线：400-040-9999

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