



TC-ND316A Spec: 2/E/V2.0

Decoder



Features

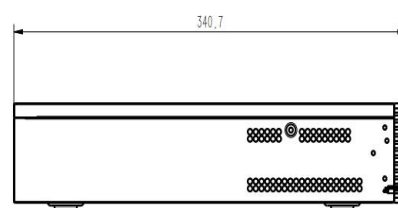
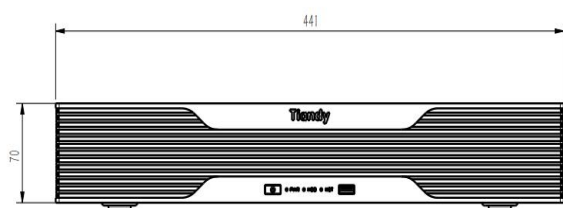
- 6/9/12/16-channel decoders now support any combination of mixed cascades, up to 4 units can be cascaded
- Support 4K high-resolution input and output
- Support 2-channel local HD video input + 6- channel video decoding output
- HD video input supports HDMI
- Support H.264/265 and other encoding formats
- Supports H.265, H.264 Baseline/Main/High-profile encoding levels

Specifications:

Output parameters	
Output Interface	6-ch HDMI outputs
HDMI Output	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-ch HDMI
HDMI Input	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 capability	
Splicing Control Function	Supports window opening, overlay, roaming, cross-screen and other functions
Splicing Capability	1*2, 1*3, 1*4; 2*1, 2*2, 2*3
Window/Roaming	1*1, 1*2, 1*3, 1*4, 2*1, 2*2, 2*3: 4 windows per screen
Basic parameters	
IE Management	Support IE output setting function for each group, alarm input/output function setting, arming and disarming time setting
Alarm Switch	Support alarm linkage switching
Patrol Decoding	Support adding 64 channels of patrol decoding to a single screen
Video Decoding	Support video file decoding and output on the wall
Keyboard Control	Support network keyboard RS485 keyboard to control the front end through the decoder
Transparent Channel	Support transparent channel transmission
Network Protocol	Support RTSP, TCP/IP, RTP, UDP, HTTP, IGMP, Telnet, ICMP, ARP and other network protocols
System Compatibility	Support ONVIF protocol
Web	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
Decoding parameters	
Decoding Channels	Single machine 96 channels
Decoding Capability	8 -channel 1200W@30fps, 16- channel 800W@30fps, 20 -channel 600W@30fps, 24 -channel 500W@30fps, 32 -channel 400W@30fps, 40- channel 300W@30fps, 64 -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

Number Of Screen Divisions	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, 3*2: 1/2/3/4/6/8/9/10/13/16/20/25/36 HD Mode: 1*1, 1*2, 2*1: 1/2/3/4/6/8/9/10/13/16/20/25/36/40/64
Incoming Bandwidth	640Mbps
Interface parameters	
Network Interface	2×RJ45 10M/100M/1000Mbps adaptive Ethernet ports
Audio	1-ch 3.5mm audio input interface, 1-ch 3.5mm audio output interface
Alarm	8-ch alarm input, 8-ch alarm output (green terminal)
Serial Interface	2×232 (RJ45*1, green terminal*1); 2×485 (green terminal)
USB Interface	USB3.0×1, USB2.0×2
Reset Button	Yes
Optical Port	N/A
Dual Power	N/A
General Specifications	
Power Supply	AC 220V
Power	≤ 40 W
Operating Temperature	-10°C-- + 55°C
Operating Humidity	10%--90%
Boundary Dimensions	441 mm (width) * 341 mm (depth) * 75 mm (height including feet)
NetWeight	5.2 kg
Package Dimensions	540 (L) 175 (W) 455 (H)
GrossWeight	6.5 kg

Dimensions:



Physical interfaces:

