



# TG-NR128U



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## KEY FEATURES

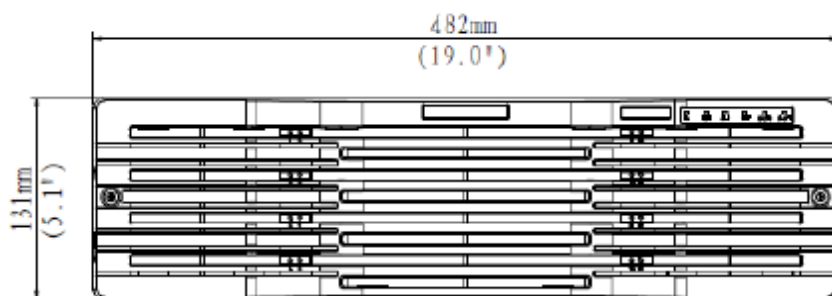
- Network Video Recorder support Ultra 265/H.265/H.264 video formats
- 128-channel input
- Third-party IP cameras supported with ONVIF conformance
- HDMI1, HDMI2 and VGA independent outputs provided
- Up to 12 Megapixels resolution recording.
- Redundant power supply optional.
- 2 decoding cards optional, up to 12-ch HDMI
- Support HDD hot swap with RAID 0, 1, 5, 6, 10, 50, 60 storage scheme configurable
- 16 SATA HDDs, up to 10TB for each HDD
- Support 12V power output
- Support N+1 Hot spare

# SPECIFICATIONS

<b>Description</b>	128-Channel, 265/H.265/H.264 Network Video Recorder	
<b>Video Input</b>	IP Video Input	128-Channel
<b>Video/Audio Output</b>	HDMI/VGA Output	VGA : 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz HDMI1: 4K (3840x2160)/30Hz, 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz HDMI2: 4K (3840x2160)/30Hz, 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
	Recording Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF 12MP/8MP/6MP/5MP/4MP/3MP/1080P/ UXGA/720P/D1/VGA/CIF/QCIF
	Synchronous Playback	16-ch
<b>Decoding</b>	Decoding format	Ultra 265, H.265, H.264
	Live view/Playback	12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF
<b>Storage</b>	SATA	16 SATA interfaces
	Capacity	up to 10TB for each HDD
	eSATA	1 eSATA interface
<b>Disk Array</b>	Array Type	RAID 0/1/5/6/10/50/60
<b>Network</b>	Protocol	P2P, UPnP, NTP, DHCP, PPPoE
<b>External Interface</b>	Network Interface	4 RJ-45 10M/100M/1000M adaptive Ethernet Interface 2 1000M SFP Ethernet Interface
	Serial Interface	1 x RS232, 1 x RS485
	USB Interface	Rear panel: 4 x USB3.0
	Alarm In	24-ch
	Alarm Out	8-ch
	Audio Input/Output	1-ch, BNC
<b>Face search, Behavior search General</b>	Power Supply	100 ~ 240V AC
	Working Environment	-10°C ~ + 55°C (+14°F ~ +131°F), Humidity ≤ 90% RH (non-condensing)
	Consumption	≤ 50 W (without HDD)
	Video Analysis	Face detection, Intrusion detection, Cross line detection, Audio detection, Defocus detection, Scene change detection, Auto tracking, Face search, Behavior search, People counting
	Advanced Function	ANR, N+1 Hot Spare)
	Chassis	19-inch rack-mounted 3U chassis
	Dimensions (WxDxH)	482mm x477mm x 131mm (18.8" x 19.0" x 5.1")
	Weight (without HDD)	≤ 10 Kg (22.05 lb)

# BACK PANEL

Structure Diagram



Units: mm



(1) GND	(2) SFP Interface	(3) Adaptive Interface
(4) RS485	(5) RS232	(6) USB
(7) eSATA	(8) Audio Input	(9) HDMI Output
(10) Audio Output	(11) VGA Output	(12) miniSAS
(13) Power Button	(14) RST	(15) Alarm Input
(16) Alarm Output	(17) 12V DC Output	(18) Decoding Card 1 (optional)
(19) Power Supply 1	(20) Power Supply 2(optional)	(21) Decoding Card 2 (optional)

## PARTCODE

## DESCRIPTION

TG-NR128U

128-ch NVR, 16SATA interface, 3U, H.265 & ONVIF conformance, Dual Network, Raid 0/1/5/6/10/50/60 supported Network Video Recorder,.

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