DS-TP50-16R
Traffic Management Server

- Up to 16 cameras can be connected for video/audio storage, picture saving and uploading.

- Supports OSD function and image composition function.

- Convenient HDD design for easy installation/uninstallation and maintenance.

- Low power consumption design, and the working temperature is from -40 ℃ to 70 ℃.

- Audio alarm is triggered when opening the cabinet door, and the alarm will be uploaded to the center.

- (Optional) Equipped with GPS, 4G and WIFI module.

- At least 2 remote hosts and 2 FTP hosts can be linked for data uploading.
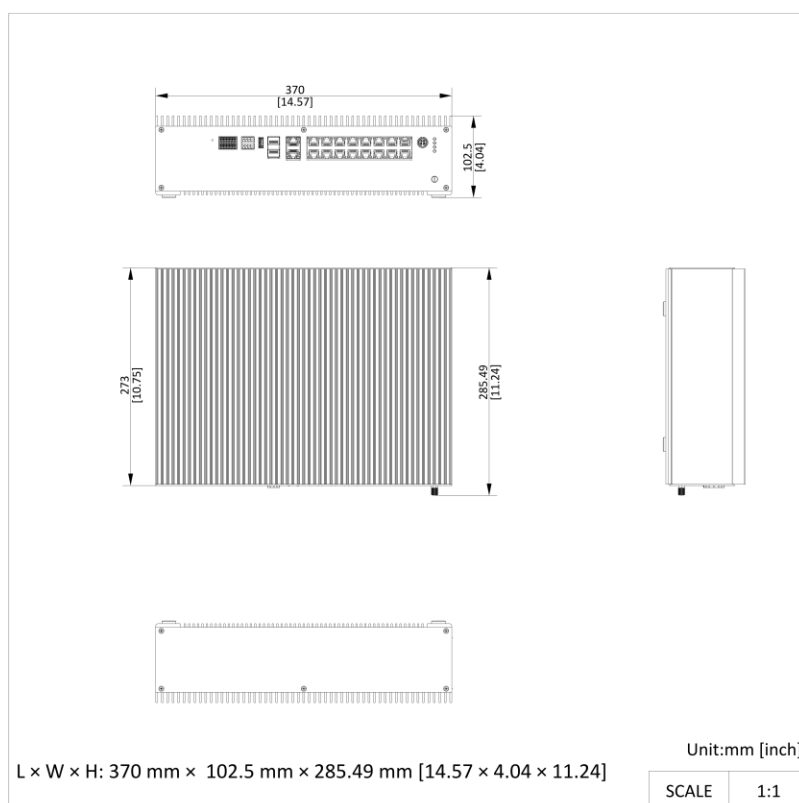
- Web operation is supported.

▪ Specification

Video	
Video Compression	H.264,H.265
Video Input	16 CH access; up to 12MP resolution
Network	
Protocols	TCP/IP,UDP,IPv4/IPv6,ARP,ICMP,DHCP,802.1X,QoS,DNS,DDNS,SSL/TLS,HTTP,HTTPS,NTP,IGMP,RTP,RTSP,RTCP,FTP,SNMP,SSH2
API	ISUP,ONVIF (PROFILE S, PROFILE G, PROFILE T),ISAPI,SDK,OTAP
Security	Password protection,Complicated password,HTTPS encryption,802.1X authentication (EAP-PEAP; EAP-LEAP; EAP-MD5),Watermark,Basic and digest authentication for HTTP/HTTPS,WSSE and digest authentication for ONVIF,RTP/RTSP over HTTPS,Control timeout settings,Security audit log,TLS 1.1
User/Host	Up to 127 users, 3 user levels: administrator, operator, and user
Client	Hik-Central Master, Hik-Central Pro, HikCentral Master Lite
Web Browser	chrome 89.0+
Interface	
Network Interface	16 × 1000 M Ethernet interface, 1 × internal 10/100/1000 M self-adaptive Ethernet interface, 1 × external 10/100/1000 M self-adaptive Ethernet interface, 1 × internal 1000 M fiber interface, 1 × external 1000 M fiber interface
Audio Input	1
Audio Output	1
Alarm Input	2
Alarm Output	2
RS-232 Interface	2 (1 internal debugging，1 external debugging)
RS-485 Interface	2
USB	1 × USB3.0 (up to 5V 2A)
Function	
Data Storage	Vehicle information (passing records and pictures) storage
Video Recording	Video recording function. Recording duration is determined by the stream size and the HDD capacity.
Data Uploading	ANPR and manual uploading
Network Settings	Able to set two-segment IP address
System	
Operation System	Embedded Linux operating system
Operating GUI	WEB
HDD Storage	4 x SATA (Each SATA interface supports up to 8TB HDD.)
Indicator	4 x indicator (1 x Power Indicator, 1 x Alarm Indicator, 1 x HDD Indicator, 1 x Ready Indicator)
General	
With Package Weight	Approx. 7.95 kg (17.53 lb.)
Weight	Approx. 5.69 kg (12.54 lb.)
Package Dimensions	563 mm × 363 mm × 180 mm (22.1" × 14.3" × 7.1") (L × W × H)
Dimensions	370 mm × 273 mm × 102.5 mm (14.6" × 10.7" × 4.03") (L × W × H)
Power	DC 12 V ± 10%, 6 A, max. 72 W

Operating Condition	-40 ℃ to 70 ℃ (-40 ℉ to 158 ℉). Humidity: 10% to 90% (non-condensing)
Storage Condition	-30 ℃ to 70 ℃ (-22 ℉ to 158 ℉). Humidity 95% or less (Non-condensing)
Approval	
EMC	CE-EMC: EN 55032: 2015+A11:2020+A1:2020, EN IEC61000-3-2: 2019+A1:2021, EN 61000-3-3: 2013+A1:2019+A2:2021, EN 50130-4: 2011+A1: 2014
Safety	CB: IEC 62368-1:2014; CB: IEC 62368-1: 2018; CE-LVD: EN 62368-1:2014+A11:2017
Environment	CE-RoHS: 2011/65/EU, WEEE: 2012/19/EU, Reach: Regulation (EC) No 1907/2006

▪ **Available Model**

DS-TP50-16R/4T

▪ **Dimension**

370
[14.57]

102.5
[4.04]

273
[10.75]

285.49
[11.24]

Unit:mm [inch]

L × W × H: 370 mm × 102.5 mm × 285.49 mm [14.57 × 4.04 × 11.24]

SCALE	1:1

See Far, Go Further

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