

DHI-ITEC-A001-N04

Dahua Edge Storage Terminal



Series Overview

Integrating advanced license plate recognition algorithms, the Dahua Edge Storage Terminal supports simultaneous input and analysis of images from 12 cameras, ideal for use in highway entry and exit scenes.

Scene

It is suitable for various scenarios, such as highway and urban roads.

Technical Specification

Basic

Operating System	Linux
Operating Interface	Web client
Network Protocol	TCP/IP, HTTP, HTTPS, SFTP, FTP, DNS, RTP, RTSP, RTC, NTP, DHCP, IEEE802.1X
Image Encoding Format	JPEG
Interoperability	ONVIF
Main Processor	4-cores embedded processor
Memory	8 GB
Display Screen	LCD display: Supports operation via function keys and displays information such as device status.
Power Switch	1 power switch
Indicator Light	1 × on/off status; 1 × operation status; 1 × alarm indicator; 1 × disk read/write indicator; 1 × disk heating indicator; 1 × fault indicator

Function

Intelligent Analytics	Supports intelligent analysis of license plates from images
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- Supports 12-channel image access and license plate recognition. It only works with Triple Sights Axle Detector, can analyze up to 12 images per second, and does not include the image composition function.
- Supports 12 channels of HD video input.
- Search for images by different violation event types
- GPS.
- Low power consumption. Operating temperature is -30°C to $+65^{\circ}\text{C}$ (-22°F to $+149^{\circ}\text{F}$).
- You can set the storage allocation for images and videos, and set overwriting the data when storage is full.

Storage	Disk; FTP; SFTP
OSD Overlay	Time, address, violation name, plate, plate color, and type, vehicle color and size, vehicle type and logo, device No, anti-counterfeiting code, GPS info, custom info
Positioning	GPS
Automatic Network Replenishment (ANR)	Yes
Auto Registration	Yes
Restricted List/Trusted List	Yes. Import and export allowlist and blocklist files and fuzzy search the vehicles on the list by plate number.
Anti-deletion	Yes. Videos and images cannot be directly deleted.
Vehicle Search	Yes. Search by time period, channel, image type and license plate
Alarm Event	Storage full, external alarm, license plate blocklist, illegal access, and security fault alarm.
Built-in Software	Edge Storage Device Software

Port

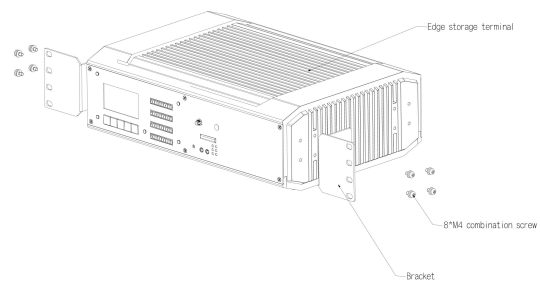
Disk Interface	4 SATA ports
eSATA	1
RS-232	3, one of which is for debugging data from the serial port.
RS-485	4
USB	2 USB 3.0 Ports
HDMI	1
Network Port	26 (2 × RJ-45 10 M/100 M/1000 M self-adaptive Ethernet ports and 24 × RJ-45 10 M/100 M self-adaptive Ethernet ports)
Optical Fiber	2 × 1000M optical SFP ports, dual NICs both at the same network segment as G1/G2)

Antenna	1 (1 × GPS antenna port)
Audio Input	1 channel, 3.5 mm port
Audio Output	1 channel, 3.5 mm port
Video Output	Supports video output through HDMI or network
Alarm Input	4 channel
Alarm Output	4 channel (Optocoupler output)
Power Output	1, 12 VDC

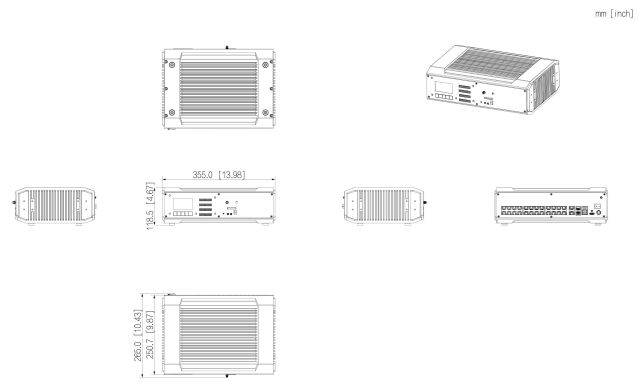
General

Power Supply	12 VDC
Power Consumption	< 60 W
Operating Temperature	−30 °C to +65 °C (−22 °F to +149 °F)
Storage Temperature	−30 °C to +65 °C (−22 °F to +149 °F)
Operating Humidity	≤95% (RH), non-condensing
Storage Humidity	≤95% (RH), non-condensing
Product Dimensions	355.0 mm × 265.0 mm × 118.5 mm (13.98" × 10.43" × 4.66")
Net Weight	5.5 kg (12.13 lb)
Gross Weight	8.5 kg (18.74 lb)
Installation	Rack mount; desktop mount
Disk Storage	Includes one 4T disk, and supports up to 4 SATA ports 3.5" 8T disk
Certifications	CE-EMC: EN 55032: 2015+A11:2020+A1:2020;EN 61000-3-3: 2013+A1:2019+A2:2021;EN IEC 61000-3-2: 2019+A1:2021;EN 50130-4: 2011+A1:2014;EN 55035: 2017+A11:2020 CE-LVD: EN 62368-1:2014 + A11:2017 CE-RED: EN 301489-1 V2.2.3;EN 301489-19 V2.2.1;EN 301489-52 V1.2.1;EN 301511 V12.5.1;EN 301908-1 V15.2.1;EN 301908-2 V13.1.1;EN 301908-13 V13.1.1;EN 303413 V1.2.1;EN IEC 62311:2020

Installation



Dimensions (mm[inch])



Ordering Information

Type	Model	Description
Edge Storage Terminal	DHI-ITEC-A001-N04	Dahua Edge Storage Terminal