



Fiber Optic Temperature Server

Quick Start Guide

UD39867B

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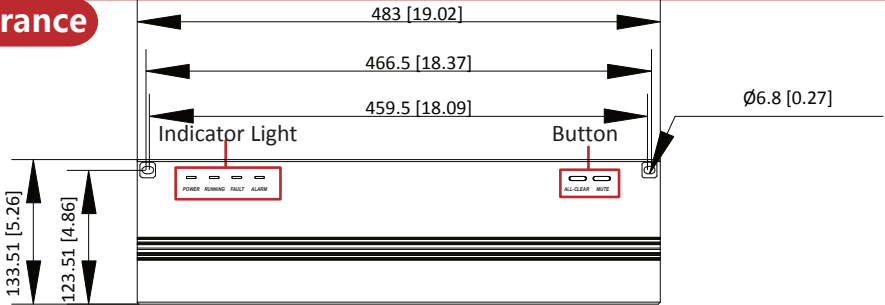
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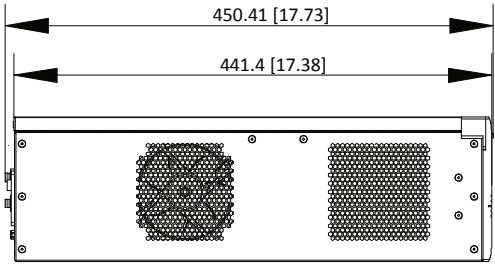
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1 Appearance



Front



Side

Unit: mm [inch]

Indicator Light

POWER:

Solid blue: power on.
Light off: power off.

RUNNING:

Solid blue: program running normally
Flashing blue: program running abnormally

FAULT:

Light off: all-in-one module running normally
Solid yellow: all-in-one module error

ALARM:

Solid red: tamper alarm triggered
Light off: tamper alarm not triggered

Button

ALL_CLEAR:

The buzzer stays buzzing for tampering alarm. The buzzer will stop buzzing when the alarm information is processed or the ALL-CLEAR button is pressed.

MUTE:

One-key mute. Press the MUTE button to turn off the buzzer.

2 Wiring

! Safety Instruction

- In the use of the product, you must be in strict compliance with the electrical safety regulations of the nation and region.
- The device shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the device.
- Caution: To reduce the risk of fire, replace only with same type and rating of fuse.
- The device must be connected to an earthed mains socket-outlet.
- If the device has been designed or, when required, modified for connection to an IT power distribution system, the device installation instructions shall so state.
- No naked flame sources, such as lighted candles, should be placed on the device.
- This device is suitable for use in server room or cabinet only.
- Never place the device in an unstable location. The device may fall, causing serious personal injury or death.
- Do not touch the sharp edges or corners.
- If the device is intended to be moved or used in a certain direction, keep the required direction when moving or using the device.

CLASS 1 LASER PRODUCT
IEC 60825-1:2014
EN 60825-1:2014+A11:2021

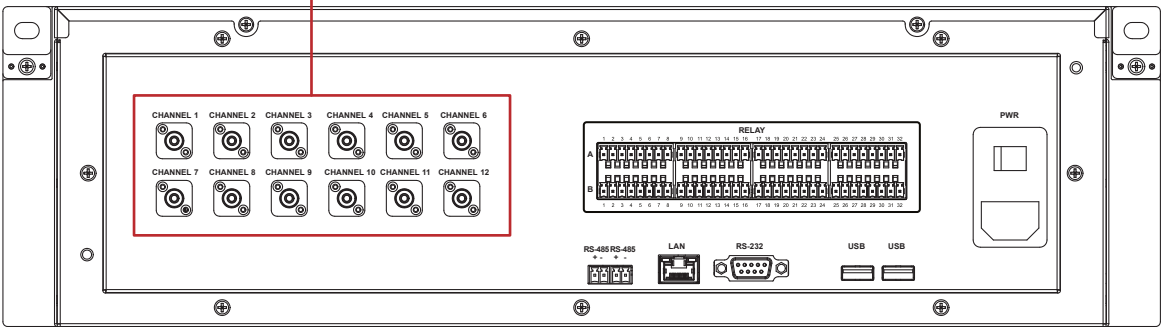
CLASS 1 LASER PRODUCT

The product meets the requirements of Class 1 laser products. Class 1 Laser products that are safe during use, including long-term direct intrabeam viewing, even when exposure occurs while using telescopic optics.



- Cover fiber interfaces with dust caps if the interfaces are not in use.
- When plugging and unplugging fiber interfaces, make sure the concave and convex parts inside the interfaces are properly aligned.

The number of device channel interfaces varies with model.



3 Activate Device

Power on the device after wiring, the device will automatically turn on.

*After reconnecting the fiber optic cable to the device, please power off and then power on again.

Activate via SADP

Before You Start:

●Get the SADP software from the technical support or the official website <http://www.hikvision.com/>, and install the SADP according to the prompts.

●The device and the PC that runs the SADP tool should belong to the same subnet. The default IP address of the device is 192.0.0.64.

Steps:

- 1. Run the SADP software and search the online devices.
- 2. Find and select your device in online device list.
- 3. Input new password (admin password) and confirm the password.
- 4. Click Activate to start activation.

Status of the device becomes Active after successful activation.

Activate via local client

Before You Start:

Get the client software from the technical support, and install the client according to the prompts.

Steps:

- 1. Run the client software and double click Add Device.
- 2. Input the default IP address: 192.0.0.64 and click Add.
- 3. Find your device IP in the left list, and double click to enter the device.
- 4. Input new password (admin password) and confirm the password.

Activate via browser

Steps:

- 1. Connect the device to the PC using the network cables..
- 2. Change the IP address of the PC and device to the same segment.
- 3. Input 192.0.0.64 in the browser.
- 4. Set device activation password.

For more instructions, please refer to the user manual.



Specification

Parameter		10 KM 4-CH	10 KM 8-CH	10 KM 12-CH
Basic Parameter	Fiber Type	Multi-mode		
	Channel	4	8	12
	Single-Channel Detection Range	10 km		
	Positioning Accuracy	10 km: ±5 m		
	Temperature Range	-200 °C to 800 °C (actual temperature monitoring capability depends on the selected fiber optic)		
	Temperature Accuracy	±1 °C		
	Temperature Resolution	0.1 °C		
	Spatial Resolution	1 m		
	Sampling Interval	0.4 m		
	Partition Quantity	≤1000 per channel, it is configurable.		
Function	Response Time	≤5 s per channel		
	Alarm Trigger	Constant temperature alarm, temperature rise alarm, Temperature difference alarm		
	LED Indicator	Power indicator light, running indicator light, fault indicator light, alarm indicator light		
	Buzzer	Stay buzzing for tampering alarm		
	Switch	1 rocker switch for power, 1 mute button, 1 all-clear button		
Communication	Communication Method	Wired communication		
Interface	Fiber Interface	4 FC/APC fiber interfaces	8 FC/APC fiber interfaces	12 FC/APC fiber interfaces
	Power Interface	1 power input interface with 220 VAC power input		
	Function Interface	1 RJ45 1000 M network interface, 1 RS-232 interface, 2 RS-485 interfaces, 2 USB 3.0 interfaces		
	Alarm Out	32 relay interfaces		
General	Power	100 to 240 VAC, 50/60 Hz, 0.5 A		
	Power Consumption	< 20 W		
	Laser Classification	Class 1		
	Operating Temperature	-15 °C to 55 °C (5 °F to 131 °F)		
	Operating Humidity	0 to 95% (±2%)		
	Dimension	133.51 mm × 483 mm × 450.41 mm (5.26" × 19.02" × 17.73")		
	Weight	Approx. 10.1 kg (22.27 lb.)		

These clauses apply only to the products bearing the corresponding mark or information.

EU/UK Compliance Statement

CE This product and - if applicable - the supplied accessories too are marked with "CE" and comply therefore with the applicable harmonized European standards listed under the Directive 2014/30/EU (EMCD) and Directive 2011/65/EU (RoHS).

Note: The products with the input voltage of within 50 to 1000 VAC or 75 to 1500 VDC comply with Directive 2014/35/EU (LVD), and the rest products comply with Directive 2001/95/EC (GPSD). Please check the specific power supply information for reference. The full text of the EU declaration of conformity is available at the following internet address: <https://www.hikvision.com/en/support/compliance/declaration-of-conformity>.

UK CA This product and - if applicable - the supplied accessories too are marked with "UKCA" and comply therefore with the following directives: Electromagnetic Compatibility Regulations 2016, Electrical Equipment (Safety) Regulations 2016, the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012.

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Industry Canada ICES-003 Compliance
This device meets the CAN ICES-003 (B) / NMB-003 (B) standards requirements.

Conformité Industrie Canada ICES-003
Cet appareil répond aux exigences des normes CAN ICES-003 (B) / NMB-003 (B).

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