

# DIS-300

## Ethernet Port Distributor

V1.2.1



Specifications

## Change History

Document Version	Release Date	Description
V1.2.1	2023-12-11	<ul style="list-style-type: none"> <li>Added the certification related description.</li> <li>Added the power consumption related description.</li> <li>Updated the power supply information.</li> </ul>
V1.2.0	2021-02-06	<ul style="list-style-type: none"> <li>Updated the appearance diagrams.</li> <li>Updated the dimensions diagram.</li> <li>Added the certification information.</li> </ul>
V1.1.1	2020-09-30	<ul style="list-style-type: none"> <li>Updated the document template.</li> <li>Optimized the product introduction.</li> <li>Optimized the feature description.</li> <li>Optimized the legends in the appearance diagram.</li> <li>Optimized the indicator description.</li> <li>Optimized the dimensions diagram.</li> </ul>
V1.1.0	2018-07-30	Updated the document style and content.

## Introduction

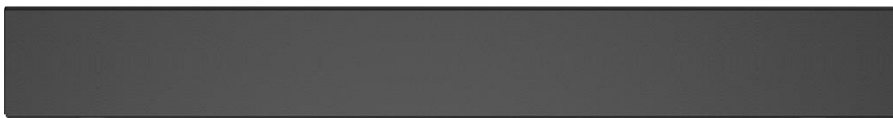
The DIS-300 is an Ethernet port distributor developed by NovaStar. Featuring 2x Ethernet inputs and 8x Ethernet outputs, it supports two working modes: 1 in 8 out, or 2 in 4 out. It can be mainly used in the fixed installation and rental applications with multiple small and medium-sized displays, such as banks, shopping malls and securities companies.

## Features

- 2x Gigabit Ethernet inputs and 8x Gigabit Ethernet outputs
- Switching between the 1 in 8 out and 2 in 4 out working modes
- Input capacity up to 1,300,000 pixels (2 in 4 out mode)
- Reading back data from the receiving card

## Appearance

### Front Panel



### Rear Panel

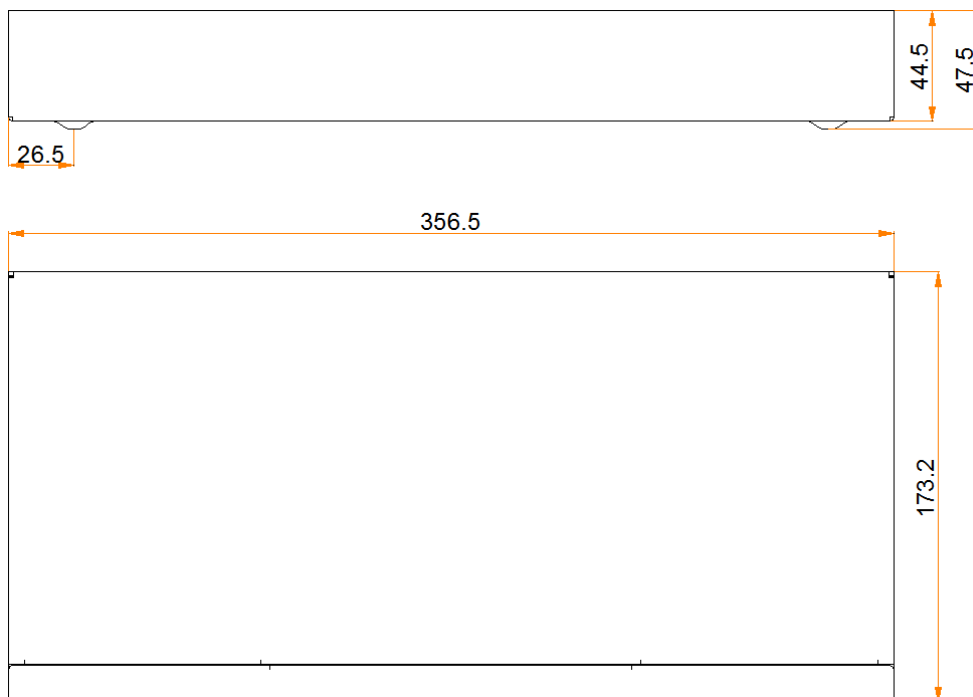


Connector Type	Connector Name	Description
Input	A/B	Gigabit Ethernet ports, input capacity of each up to 650,000 pixels Input capacity of two ports in total up to 1,300,000 pixels in 2 in 4 out mode
Output	A1~A8 B1~B4	Gigabit Ethernet ports, output capacity of each up to 650,000 pixels <ul style="list-style-type: none"> <li>In 1 in 8 out mode, port A corresponds to ports A1~A8.</li> <li>In 2 in 4 out mode, port A corresponds to ports A1~A4 and port B corresponds to ports B1~B4.</li> </ul>
Power	-	AC 100V~240V, 50/60 Hz, 0.6 A

## Indicators

Indicator	Color	Status	Description
Running indicator	Green	Flashing twice every 1s	The input port has been accessed to the system.
		Always on	The input port has not been accessed to the system.
Power indicator	Red	Always on	The power supply is normal.

## Dimensions



Tolerance:  $\pm 0.3$  Unit: mm

## Specifications

Electrical Specifications	Input voltage	AC 100V~240V, 50/60 Hz, 0.6 A
	Rated power consumption	20 W

Operating Environment	Temperature	-20°C to +60°C
	Humidity	0% RH to 90% RH, non-condensing
Physical Specifications	Dimensions	356.5 mm × 173.2 mm × 47.5 mm
	Net weight	1.05 kg
Packing Information	Packing box	390.0 mm × 250.0 mm × 85.0 mm
	Accessory box	295.0 mm × 83.0 mm × 35.0 mm Accessory: 1x Power cord
Certifications	CE, RoHS  Note: If the product does not have the relevant certifications required by the countries or regions where it is to be sold, please apply for the certifications yourself or contact NovaStar to apply for them.	

The amount of power consumption may vary depending on factors such as product settings, usage, and environment.

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www.novastar.tech

[Technical support](mailto:support@novastar.tech)  
support@novastar.tech