

User manual

Product name: Edge Connector

Model: D100

Brand: Oceanblue Cloud

**Manufacture: Shenzhen Ruiyun networking
artificial intelligence technologies Ltd.**

IMPORTANT – READ THIS FIRST

- Check the packing slip to verify that you have all necessary items.
- Verify that you' ve received the service notify email containing the activation guidelines.
- Please feel free to contact our technical support service if you have any question.

General Information

D100 is the desktop model of OceanBlue Cloud SD-WAN edge connection hardware.

OceanBlue Cloud SD-WAN solution relied on our new generation technology to help enterprise customers connect to WAN at a faster speed.

With our service, customers can enjoy ultra-high speed, high quality data transmission service through the internet or MPLS.

In addition, OBC leverages the artificial intelligence technology to redefine the WAN by optimizing network traffic and conducting real-time network health check using distributed cloud control system, which increases the visibility of SLA.

Getting Started

Step 1. Power on

Connect the power adapter to the AC power outlet, and connect the other end of the adapter to the power port on D100.

When D100 powers on, please verify the power LED has been lit.

Step 2. Internet connection.

- If you use Internet WAN router, please connect it to D100' s WAN port with an ethernet cable.
- If you use 3G/4G USB modem, please insert it into any of D100' s USB ports.

Step 3. LAN connection

- For local ethernet devices such as PCs, switches, hubs, please connect to any of the LAN ports on D100.
- For local WLAN devices such as mobile phones, laptops, please connect to the D100' s default Wi-Fi SSID prefixed with "OBC- ".

Step 4. Service activation

Please follow the service activation guide in our email.

If you meet any problem, please feel free to contact our technical support service.

Thanks.

System Specifications

Specification		OBC Edge Connector D100
motherboard	Serial	D100
	CPU	Intel® Celeron J1900/4Cores/2.0GHz
	Chipset	Intel® ICH8M
Video	GPU	Intel® HD Graphics
Memory and Hard driver	MEM	1* 2GB/DDR3L/1.35V
	HD	8GSSD
Network	Ethernet	4* Intel 82583V, 1000/100/10Mbps,
	WIFI	Realtek RTL8192CE-VA4
Front Panel interface	Serial port	1* DB9
	USB	2* USB2.0
	LAN	4* RJ45
	Switch	1* Power
	Indicator	1* HDD, 1*Power,
	Power input	1* DC 12V
	WIFI	2* WIFI antennas
Back Panel	Indicator	1* HDD, 1* Power, 4* Network
Operation System		OB SmartOS 1.0
Power Adapter	Input	AC 100V~ 240V
	Output	DC 12V/3A
Frame	Color	Silver Black
	Dimension	197mm*174mm*35mm (W*D*H)
	Material	Galvanized steel
Reliability	Temperature	-10℃~40℃(Operating conditions)
	Relative humidity	5%-95%

Feature:

2.4G WIFI

Frequency Bands:

IEEE 802.11b /g /n(20MHz):2412-2462 MHz

IEEE 802.11n(40MHz):2422-2452MHz

Modulation Mode: CCK/OFDM/DBPSK/DAPSK

Antenna Type: External antenna(2 IPEX) Antenna

Antenna Gain:Ant A: 2dBi; Ant B: 2dBi

CE Maintenance

1.Adapter shall be installed near the equipment and shall be easily accessible.

2.EUT Operating temperature range: -10° C to 40° C .

3.Adapter :

The plug considered as disconnect device of adapter

Input: AC 100-240V, 50/ 60Hz, 1A

Output: 12V 3A

4. Operation of the product, the human body must be kept more than 20cm distance between products.

Declaration of Conformity

Shenzhen Ruiyun networking artificial intelligence technologies Ltd. hereby declares that this Edge Connector is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. This product is allowed to be used in all EU member states.



FCC Caution.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.

-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.