

#### Introduction

The **DBU-01** is a standalone configuration backup unit that can be used to backup/restore the configurations of ORing's devices without using any PCs or notebook PCs. It is powered by console port of ORing device without external power supply needed. Data upload and download can be easily performed using the DIP switch design.

#### Package Contents

The device is shipped with the following items. If any of these items is missing or damaged, please contact your customer service representative for assistance.

Contents	Pictures	Number
DBU-01 Series		X 1
QIG		X 1

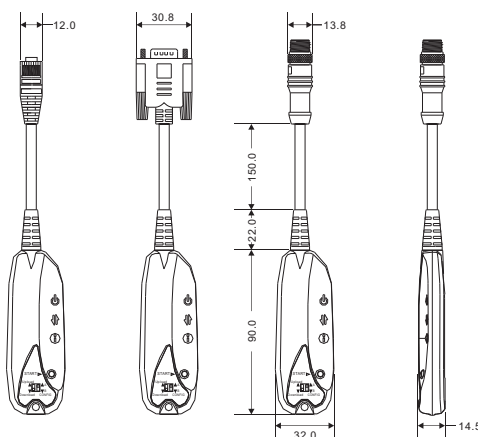
#### Preparation

Before you begin installing the switch, make sure you have read through the following instructions.

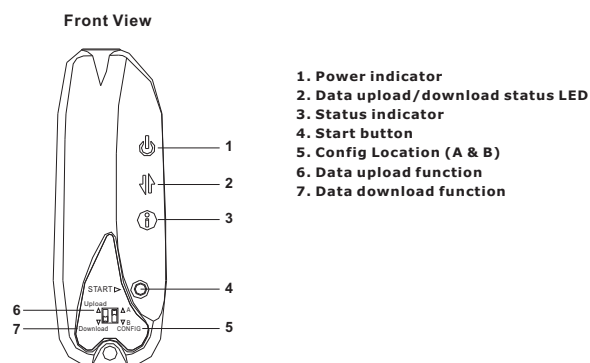
##### Safety & Warnings

- The device is not water-proof. Keep the device away from liquid during operation.
- The device only operates with certain models of ORing switches, APs, and ARs. Please refer to the datasheet for compatible models.
- The device comes with different connectors (RJ45, DB9, and M12), depending on the models you purchase. Please connect the device to the network equipment with matched connectors.

##### Dimension (Unit=mm)



#### Panel Layouts



#### Installation & Operation

Follow the steps below to install the device to the switch and upload or download data.

1. Insert the cable of the DBU-01 to the console port of the corresponding network device.
2. When connected, check if the power LED lights up. If not, make sure the connected network device is turned on.
3. Once the green power LED on the DBU-01 is on, press Start button and flick towards the upload or download button to restore or back up configurations.
4. You can use the Config switch to back up or restore configurations from or to another network device after you complete the process with the first device.

#### Configurations

After connecting the device to the switch, AP, or AR, the green power LED will light up. You need to press Start button before uploading/downloading data. Please refer to the following tablet for LED indication.

LED	Color	Status	Description
	Green	On	Power is on
	Amber	Blinking	Transmitting data
	Green	On	Data Transmission succeeds
	Red	On	Data Transmission fails

#### Specifications

ORing Switch Model	DBU-01-DB9	DBU-01-RJ45	DBU-01-M12
<b>Physical Ports</b>			
Connector	DB9	RJ-45	M12(5pin A-coding)
Switch	2 pole DIP switch		
<b>LED indicators</b>			
Power indicator	1 x LED, Green On : Power is on and device is ready		
Transmit indicator	1 x LED, Amber blinking : data transmitting.		
Status indicator	1 x LED, Green On : Data transmission succeeds Red On : Data transmission failed		
<b>Power</b>			
Power Input	5~12VDC (via RS-232 RTS signal)		
<b>Physical Characteristic</b>			
Enclosure	IP-40, PC molding		
Dimension (W x D x H)	32(W)x14.5(D)x90(H)mm (1.25 x 0.57 x 3.5 inch.) (cable length: 172mm)		
Weight (g)	53g	33g	43g
<b>Environmental</b>			
Storage Temperature	-40 to 85°C (-40 to 185°F)		
Operating Temperature	-10 to 60°C (14 to 140°F)		
Operating Humidity	5% to 95% Non-condensing		
<b>Regulatory Approvals</b>			
EMI	FCC Part 15, CISPR (EN55022) class A		
EMS	EN61000-4-2 (ESD), EN61000-4-3 (RS), EN61000-4-4 (EFT), EN61000-4-5 (Surge), EN61000-4-6 (CS), EN61000-4-8, EN61000-4-11		
Warranty	3 years		

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