

Introduction

DBU-01 series is a standalone configuration backup unit that can be used for backup/restore ORing's devices configuration without using any PC/Notebook. It powered by console port of ORing device without external power supply. To provide DIP switch in the **DBU-01** can be configured for Backup or Restore function.

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

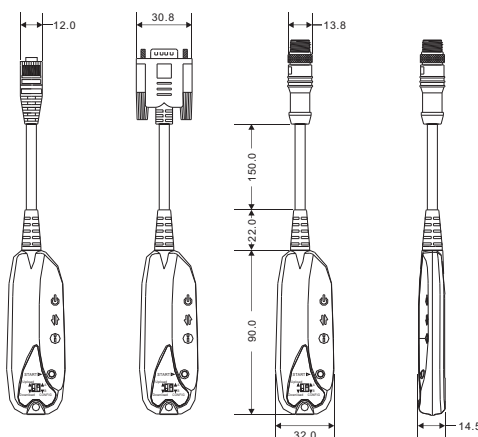
Preparation

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

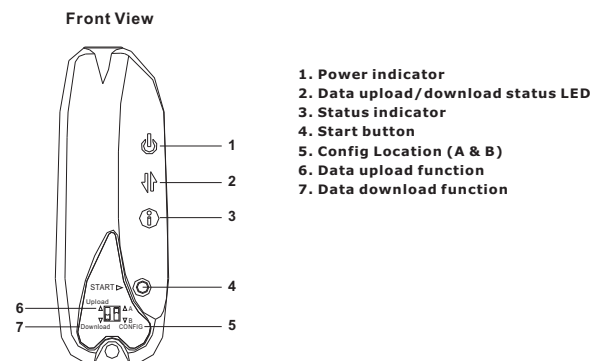
Safety & Warnings

- 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



1. Power indicator
2. Data upload/download status LED
3. Status indicator
4. Start button
5. Config Location (A & B)
6. Data upload function
7. Data download function

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
Physical Ports			
Connector	DB9	RJ-45	M12(5pin A-coding)
Switch	2 pole DIP switch		
LED indicators			
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 : function successful Red On : function fail		
Power			
Power Input	5VDC (via RS-232 RTS signal), 14mA		
Physical Characteristic			
Enclosure	IP-40, PC molding (non UL certified)		
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
Environmental			
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		
Operating Altitude	Up to 2000m		
Regulatory Approvals			
EMC	CE EMC (EN 55024, EN 55032), FCC Part 15 B		
EMI	EN 55032, CISPR32, FCC Part 15 B class A		
EMS	EN 55024 (IEC/EN 61000-4-2 (ESD), IEC/EN 61000-4-3 (RS), IEC/EN 61000-4-4 (EFT), IEC/EN 61000-4-5 (Surge), IEC/EN 61000-4-6 (CS), IEC/EN 61000-4-8 (PFMF), IEC/EN 61000-4-11 (DIP))		
Shock	IEC 60068-2-27		
EMI	IEC 60068-2-31		
Vibration	IEC 60068-2-6		
Safety	UL 61010-1, UL 61010-2-201		
MTBF	6645051 hrs		
Warranty	3 years		

※ Non UL61010-1, UL61010-2-201 certified: DBU-01-DB9, DBU-01-M12

Contact for maintenance and repair service:

ORing

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