



Smart Technology

BWRSH Bivar Wireless Rackmount Secure Handle



Bivar's wireless Rackmount Secure Handle* is a direct replacement of a passive non-smart server rack handle. Each wireless unit utilizes a single Lithium-Ion 3.6V battery, set to a one hour heartbeat, with up to 10 years of life in optimal conditions.

Our sensor is a unique smart position monitoring device for the main purpose of detecting the movement or removal of rackmount servers and/or rackmount network appliances for the data center community. It utilizes long range communication and low power battery consumption.

*Rackmount Secure Handle must connect with a Bivar Wireless Gateway Communication Center (BWGCC) to function.

Features

- Industrial/Scientific Grade Sensor
- LED light with real time status
- iOS or Android App for active monitoring of status and events
- AES-128 Encryption with secure wireless and cloud communication
- Easy installation with provided hardware

What's in the box

- BWRSH-_____ Wireless Sensor
- Battery Included and Installed
- Bivar Android and IOS App Setup Instructions.



Ordering

BWRSH - XXYYZ

"XX"	Communication Protocol
01	4G/LTE
02	NB/IoT (Under Development)
03	5G (Under Development)

"YY"	Region
01	USA
02	Europe (Under Development)
03	Asia (Under Development)

"Z"	Handle Type
Blank	Handle Pair/Set (Active & InActive)
A	Active (Electronic) Only
B	InActive (Physical) Only

Functional Specifications

No.	Property	Technical Parameters
1	Product name	Bivar Wireless Rackmount Secure Handle
2	Series Models	BWRSH-0101; BWRSH-0101A; BWRSH-0101B
3	Hardware Version ⁽¹⁾	V2.0.0
4	Communication frequency	915MHz
5	RF Rate Output Power	12dbm@10kb
6	Antenna gain	3dB (180°flat)
7	Recommended distance from gateway	15 m (indoor)
8	Operating temperature	-40°C~+85°C
9	Static power	3μA (3.6V, 25°C)
10	Max working current	40mA
11	Size (W x D x H) (Including Bracket)	1.125 x 2 x 3.375 in (29 x 51 x 85 mm)
12	Battery capacity	ER14250 1200mah 1/2AA 3.6V

(1) Bivar reserves the right to makes changes/upgrade to hardwares without prior notice.

Mouser Electronics

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BIVAR:

[BWRSH-0101A](#) [BWRSH-0101B](#)