



BLU Door/Window Outdoor ZB

Outdoor door and window sensor, IP55



EAN code, Ivory: 3800238074432
EAN code, Black: 3800238074449

Product description

The Shelly BLU Door/Window Outdoor ZB is a battery-powered door and window sensor built for outdoor use. The rugged IP55 enclosure withstands direct rainfall and temperatures from -20 to 40 °C, so it can be fitted on gates, shed doors, garages and greenhouse windows.

Beyond open/close detection it measures the inclination angle, so a tilted vent position can be told apart from a fully open window. Zigbee 3.0 and Bluetooth 5 LE run simultaneously, and communication is AES encrypted.

Zigbee requires a Zigbee hub; Bluetooth requires at least one Shelly gateway (Plus, Pro, Gen3 or Gen4). Available in Ivory and Black.

Technical data

Physical	
Size (HxWxD):	Sensor 41 x 28 x 9 mm / 1.62 x 1.10 x 0.35 in Magnet 31 x 7 x 7 mm / 1.22 x 0.28 x 0.28 in
Weight:	18 g / 0.64 oz
Shell material:	Plastic
Shell color:	Ivory / Black
Device model:	SBDW-302C
Environmental	
Ambient working temperature:	-20 °C to 40 °C / -5 °F to 105 °F
Humidity:	30 % to 70 % RH
Ingress protection:	IP55 (dust protected, water jets)
Electrical	
Power supply:	•1 x CR2032 3 V battery (included)
Estimated battery life:	Up to 5 years
Bluetooth:	5 (LE), 2402-2480 MHz, < 8 dBm Range 10 m indoors / 30 m outdoors
Zigbee:	3.0 (802.15.4), 2405-2480 MHz, < 8 dBm Range 10 m indoors / 30 m outdoors