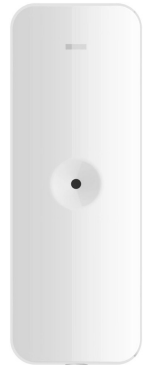




Hikvision DS-PDBG8-EG2-WB

· Specification summary



Device class	Wireless Glass Break Detector
Detection principle	An acoustic sensor and microphone are used for glass-break detection. This is not a PIR or vibration-contact detector.
Acoustic detection reference	8 m radius with a 120° detection angle is listed. Glass, curtains, room acoustics and placement must be assessed; this is not a radio-range value.
Sensitivity settings	2 m, 4 m, 6 m and 8 m settings are listed. Select and test for the actual protected glazing.
Glass thickness reference	2.4–6.4 mm glass thickness is listed. Compatibility with a particular pane construction must be confirmed.
Glass pane size reference	The listed pane-size range is 0.3 × 0.3 m to 3 × 3 m. It does not confirm detection for every pane or glazing type.
Digital signal processing	Digital processing is listed. It is not a promise that all noise or false alarms will be rejected.
Tamper monitoring	Front and rear tamper protection is listed.
Status indications	Ambient-temperature and signal-strength indications are listed; the alarm LED is blue.
External inputs	Two external inputs are listed in the QSG. Confirm the intended circuit and wiring rather than treating these as extra radio detectors.
Alarm input modes	Normally closed, normally open and impulse-count modes are listed. Confirm the contact configuration and application.
Wireless communication	Tri-X two-way RF wireless communication is listed. It does not establish a Wi-Fi or wired network connection.
Communication carrier	433 MHz is listed for this WB reference. No WE-band or local radio approval is inferred.
Radio distance reference	1 km in free space is the stated radio range. This is not guaranteed indoor coverage or the acoustic detection radius.
Frequency hopping	Frequency hopping is listed. It is not a guarantee against all interference or jamming.
Enrolment references	Power-up, remote ID and QR-code enrolment methods are listed. Confirm the supported panel, app and regional service availability.
Battery reference	Two CR123A cells are listed. Manufacturer-described inclusion does not confirm the actual ISD package; do not derive a 6 V device rail from the cell count.

Nominal power reference	The source states 3 V DC. This is distinct from the battery count, capacity and low-voltage warning threshold.
Battery capacity reference	The QSG lists a maximum 1,600 mAh battery figure. It is not a measured operating life or confirmed supplied battery capacity.
Low-voltage threshold	2.45 V is the listed low-voltage value. No remaining service interval is guaranteed.
Maximum current reference	22 mA maximum current is listed. Confirm the applicable operating state and power source.
Quiescent current reference	16 µA quiescent current is listed. This is microamperes, not 16 mA.
Operating temperature	–10 to 55 °C is listed for operation. Assess the actual enclosure and installation environment.
Storage temperature	–20 to 60 °C is the storage range, not the operating-temperature range.
Operating humidity	10–90% relative humidity is listed. No non-condensing or outdoor ingress rating is added from this row.
Weight reference	83 g is listed. Battery and packaging conditions are not stated in this weight row; it is not a shipping-weight promise.
Location and mounting	Indoor wall or ceiling mounting is listed. Keep the microphone opening and protected sound path unobstructed.
Placement and testing	The guide calls for signal and glass-break tests and warns about curtains, noise, humidity and vibration. Sponge-tape mounting is marked EN non-compliant; local compliance must be assessed separately.

Specifications are summarised from the manufacturer's published information (checked 2026-10-20). They describe the cited version only. Confirm the exact model, suffix and supplied revision before ordering. ISD confirms supply, price, availability and warranty separately.

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