

DGT EB100



Series Overview

The DGT EB100 is a premium, contactless exit button engineered for hygienic and secure door control in residential, commercial, and industrial settings. Built with a heavy-duty zinc-alloy housing and IP66 waterproofing, this non-touch sensor prevents germ transmission while ensuring reliable performance in harsh outdoor or high-traffic indoor environments.

Functions

No-Touch Activation

Uses advanced infrared technology (940 nm wavelength) to trigger egress, detecting hand waves from an adjustable distance of 3–10 cm.

Weatherproof Design

Certified with an IP66 rating and housed in robust zinc-alloy to withstand extreme temperatures (-20°C to 60°C).

Dual-LED Status Indicator

Equipped with a built-in LED indicator that turns Red during standby mode and switches to Green when active.

Flexible Contact Outputs

Provides clean NO/NC/COM dry contacts rated up to 2A, ensuring universal compatibility with various electric locks and controllers.

Programmable Timer Delay

Supports adjustable delay configurations, offering 5-second, 10-second, or toggle mode options.

Versatile Power & Fit

Operates on a wide 10~24V DC input voltage with a compact, round form-factor suitable for flush or surface mounting.



Technical specification

Operating Voltage	10-24V DC
Idle Current	≤15mA
Working Current	≤25mA
Current Rating	2A
Sensor Distance	3-10cm (Adjustable)
Output	NC or NO
Infrared Wavelength	940nm
Timer Delay (Optional)	5s/10s/Toogle Mode
Enviroment	IP66 Waterproof
Operating Temperature	-20°C~ +60°C
Operating Humidity	0%RH ~ 95%RH
Physical	Zinc-alloy
Dimension	Diametar: 73mm, Thickness: 22m (Round) L105 x W69 x H20mm (Ellipse)
Unit Weight	145 (Round) 215 (Ellipse)
Shipping Weight	230 (Round) 305 (Ellipse)

Sensor Distance and Timer Delay (Optional) Adjustment

