

B-PASS



Prox

PROX is the most basic access layer.

B-PASS Prox detects any paired B-TAG within range and grants entry. There's no directional tracking and no credential validation — just simple proximity detection. If a valid tag is nearby, the gate opens or the door releases. This layer is ideal for low-security access points where you only need confirmation that an authorised tag is present.



Instant access on proximity



Low power, solar panel & battery ready controller



Perfect for low-security access points
e.g rural and remote farm gates



B-TAG

Long range wireless tag
technology of more than
100m line of sight*

B-PASS Prox detects any B-TAG that has been paired to it and grants access. No directional tracking, no credential verification to other integrated systems — just proximity detection. A valid tag in range means the gate or the door opens.

This version of B-Pass is designed for low-security access points where you simply want to grant access when authorised tag is present, similar to a garage door or gate remote but with the benefits of being long range and hands free.



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B-Pass Prox

Model	B-PASS - Layer 1 Prox
Communication	B-LINK encrypted long-range wireless (two-way) with BASE devices and Bluetooth to B-TAG's
Frequency	2.4Ghz
Typical wireless range*	More than 100m line-of-sight (site + antenna dependent) - 5x more distance than other products (Good penetration through concrete, wood etc.)
Inputs	No supervised inputs
Outputs	2 x outputs (dry contact)
Power Supply	10-24 VDC / 16VAC wide-range input (panel, PSU or B-LINK Solar Kit)
Battery Life/Current consumption	200 mA @ 12 V (typical, excluding external loads)
Status/Operation LEDs	Green: System Ready Indicator Blue: Reboot/Reset Red: Power/Output status
Configuration	Web GUI
Statuses Monitored	2 relay outputs
Mounting type	Indoor use only
Ambient temperature	0 °C to +60 °C
Dimensions (mm)	112 x 32 x 12mm
Weight (approx.)	150 g
Optional Accessories	Conduit bracket, external antenna

*With correct antenna placement and site-Interference dependent

