

IPBridge V2/V2+



V2+ version
front view

The IP Bridge is an RS-232 to TCP/IP programmable converter which allows multiple configurations. The IP Bridge is mostly used to control of doors via devices such as: slots readers (bar code and magnetic), proximity readers, bells, etc. It allows the connection of 1 or 2 Bar Code or proximity (Wiegand) readers and the connection of one biometric reader. The IP Bridge has inputs and outputs that can be used in several ways. Amongst other things, the inputs can inform the administrator on the state of opening or closing of a door. The outputs can be used in association with a LED or a piezo to indicate the door status to the user.

The communication with the computer is done with an Ethernet 10 BaseT connection. The IP Bridge must be configured according to your communication parameters with BoardConfig software available free on our website.

The IP Bridge is available in two versions, the V2 and the V2+ version.



V2 version
front view

This V2 version includes :

- 1 RS-232 serial port
- 1 input i/o
- 1 Wiegand input
- 1 buzzer output
- 2 relay outputs

(Connectors shown not included)



V2 version
rear view



V2+ version
front view

This V2+ version includes:

- 2 RS-232 serial ports
- 2 input i/o
- 2 Wiegand inputs
- 2 buzzer outputs
- 2 relay outputs

(Connectors shown not included)



V2+ version
rear view

Version V2 and V2+ both have two relays to enable devices (bells, lights, etc). They have inputs (one or two depending on the version) that can receive a maximum of 5 pulses/sec in normal mode, or 500 pulses/sec in counter mode (counter mode available on entry # 1 only).

The relay and logic input # 1 can be activated through commands sent via RS-232 and/or TCP and/or UDP (Broadcast and Unicast). The IP Bridge redirects unconditionally all characters sent to the TCP link on RS-232 and vice versa.

Interfacing modes

There are three interfacing modes for the connection of an external reader: RS-232, biometric and Wiegand. Here is an example for each type.

RS-232 mode



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Symcod's slot reader
SYM804 CB-RS232



Bar code reading

Biometric mode



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Bioscrypt reader
V-PASS-FX



Fingerprint reading

Wiegand mode



IP Bridge V2/V2+

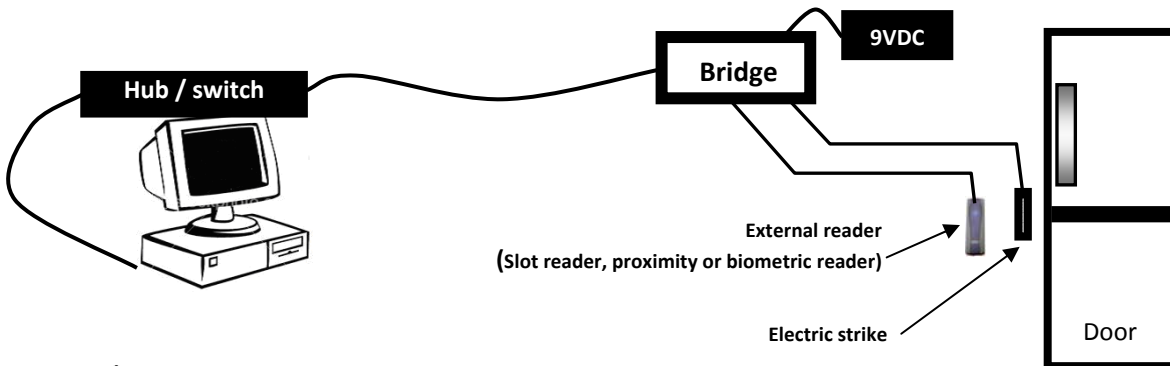


Proximity reader



Proximity
Card/tag reading

Installation



WARNING: Fire safety and liability notice

Never use access control equipment (card reader or others) for critical exits, entrance or exits doors, barriers, elevators or footbridges **without providing an adequate alternative exit which is in accordance with all fire and life safety codes pertinent to the installation.** The safety standards and requirements vary according to territories. See if your installation is in conformity with the regulation in force in your city or territory. Be sure to obtain an official written authorization concerning the matter of access control. **Never accept verbal approvals, always ask for a written copy signed by an authorized person.**