



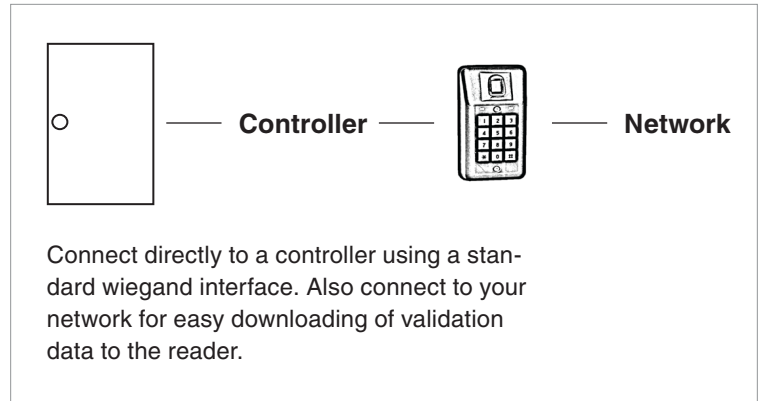
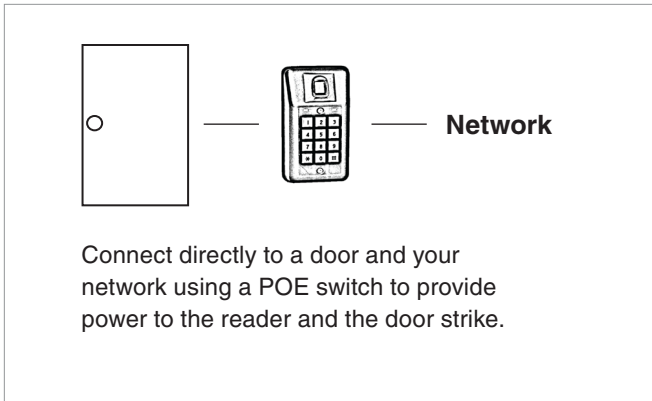
A dynamic combination of proximity, keypad, fingerprint and TCP/POE all in one unit. With over 50 different operating modes, the 901 stands out as the most flexible fingerprint reader available today.

Both stand-alone and real-time operation are supported, as well as traditional controller interfaces such as wiegand, aba and wand emulation. The 901 supports both Rs232 communication and TCP / IP communications for programming, downloading, and online operation. You can even download the reader without ever taking it offline—and IBC's patent-pending EzPower POE1 technology makes installation a breeze since no power supply is needed for the reader, door strike or maglock.

Features

- Up to 70,000 templates²
- Multiple operating modes
- Flash upgradable
- Internal relay for door control
- 4" prox read range³
- Door position switch
- TCP / IP with POE
- Rs232
- HID and Farpointe (Pyramid) prox compatible
- Request to exit feature
- 200 door schedules
- Holiday schedules
- Unlock schedules with First Person In support
- Background downloading
- Stand-alone or Online operation
- Single gang box mounting
- Duress Finger support
- Plastic or Metal Keypad
- Internal time clock
- Special options for users with disabilities
- Audit trail and logging
- Small footprint 6.25" H x 3.25" W x 1.5" D
- Replaceable keypad and sensor
- External reader support
- Controller outputs: Magstripe, wand, wiegand, f2f, and wieaba

Typical Configurations



Modes

There are numerous operating modes of the reader. Some of the most widely used modes are shown below.

MODE	ACTION	OUTPUT
PIN + Finger	Verifies PIN # and finger / opens door if verified	outputs log (optional)
PIN + Finger	Verifies PIN # and finger / transmits PIN # if verified	outputs PIN
Prox + Finger	Verifies Prox card and finger / opens door if verified	outputs log (optional)
Prox + Finger	Verifies Prox card and finger / transmits Prox # if verified	outputs Prox serially
Prox + Finger	Verifies Prox card and finger / passes through Prox if verified	wiegand
Finger	Verifies finger / opens door if verified	outputs log (optional)
Finger	Verifies finger / transmits Prox # if verified	wiegand
Online	Transmit Prox, keypad and finger to host system for verification	Rs232 or TCP or UDP

Specifications

Dimensions	6.25" H x 3.25" W x 1.5" D
Prox Card Support	Farpointe and HID, up to 64 Bits
Mounting	single gang
Weatherproofed	Indoor use only
Finger Sensor	Capacitive / user replaceable
Keypad	Plastic or Metal / 2 million cycles per key / user replaceable
Power	POE or 12V DC / 400mA
Relay	30VDC 700mA max
Operating Temperature	0°C to 85°C / non condensing

How to Order

	READER MODEL #	901	901-M	901A	901A-M	901-64	901-64M	901A-64	901A-64M
DESCRIPTION	TCP / IP	✓	✓	✓	✓	✓	✓	✓	✓
	POE ¹	✓	✓	✓	✓	✓	✓	✓	✓
	Rs232	✓	✓	✓	✓	✓	✓	✓	✓
	Plastic Keypad	✓		✓		✓		✓	
	Metal Keypad ³		✓		✓		✓		✓
	5MB Memory	✓	✓	✓	✓				
	64MB Memory					✓	✓	✓	✓
	# Fingers in "Finger Only" Mode	1800	1800	9000	9000	1800	1800	9000	9000

Companion Product

Model 902 Enrollment Reader (not required)



Users can enroll fingerprints into their system using either the **901 or 902 Reader**. The 902 is a table-top reader, and is available with Rs232 or USB.

¹ EzPower POE stands for Power Over Ethernet. POE allows the power for the reader and strike or maglock to be supplied by a standard Ethernet POE switch, utilizing standard Cat5 cable. The strike or maglock is connected directly to the reader using a 2-conductor cable. POE reduces installation time and project cost, since no traditional power supplies are needed.

² 70,000 templates are available in Pin & Finger mode with the 64meg memory option.

³ Proximity reading distance is slightly reduced when a metal keypad is used.