

Key Features:

- Mifare ISO1334A communication protocol and LE Bluetooth support
- LED front and back lights
- Slim body design
- Weatherproof outdoor design
- RS485 communication interface



Technical Specifications:

Name	Details
Power consumption	8-12W
Communication interface	RS485
Frequency	13.56MHz (at 1-3cm)
Standard	13.56MHz: ISO14443A, LE BLE
Indicators	RGB LED, white backlight, sound
Operating temperature	-15°C - 65°C
IP rating	IP65
Configuration methods	Factory configured
Cabling	Cat5e / Cat6 up to 100m (110 yds)
Housing dimensions	L=45mm (1.77 in) , H=132mm (5.2 in), W=17mm (0.67 in)

Operating Instructions:

The gatekeeper must be used in conjunction with the GymMaster gym management software. At each access controlled door, there is a GymMaster reader installed on the side of the door and connected to the gatekeeper. A member of the facility who has the rights to access the door can present their card to the reader. The reader and the access control unit will then verify the access.

If the access is granted, the reader will flash green and beep once.

If the access is denied, the reader will flash red and beep twice.

On idle, it has a yellow color.

Wiring Instructions:

The reader uses RS484 communications and comes pre-wired for testing. Below shows what the wires corresponds to:

● Black = Ground ● Red = 12V ○ White = A ● Green = B

It is recommended to use dedicated data cable, cat5e or cat6, over a maximum of 100 meters (110 yds).

Wiring instructions can be found in: <https://gymmaster.com/hardware-documents>