

# GateKeeper Mini Set-up instructions

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## Preface

This wiring guide is to assist in setting up the Gatekeeper mini, and access control units as supplied by Treshna Enterprises Ltd.

**Please read this manual carefully before the installation of the GateKeeper and readers.**

## Hardware Checklist

- GateKeeper computer
- Power supply (basic unit provided)

**You will also have one or more:**

- Desktop reader with Standard USB type A data cable

**You will also need the following items:**

- Internet Connection**
- Router or Network switch**
- Standard Network cable (Cat5)** to connect the GateKeeper to router, network or switch



**Please also note that the GateKeeper power supply and cable **must be used to power ONLY the GateKeeper**. If you attempt to use it to power any other device, this may result in damage to the GateKeeper and other equipment.**



## GateKeeper Overview

The GateKeeper mini needs to be powered AND connected to the Internet to work correctly. The GateKeeper can ONLY be used to operate desktop readers and receipt printers, which connect to the USB ports.



## Network Port

The GateKeeper requires an Internet connection via the Network port to function normally. You will need a CAT5 or CAT6 Network cable (not supplied), one end connected to the Network port on the GateKeeper, the other end connected to an Network port on the router or a switch. Please ensure Internet access for this connection.

The GateKeeper can operate for short periods in Offline Mode during a network outage, as long as the GateKeeper, and facility network components have electrical power. **It is strongly recommended to [use an Uninterruptible Power Supply](#)** (UPS) to maintain constant power for the GateKeeper, Internet router and all network components.

The GateKeeper network port has a green/amber LED at the top left corner, and an amber LED at the top right corner. The left LED shows whether the cable is correctly inserted. The right LED shows network activity. When powered and connected to the router, we would normally expect to see a solid left LED and a flickering right LED.

## USB Ports

Desktop readers and receipt printers are connected by USB cable to one of the USB ports at the front of the GateKeeper.



**Do not use Gatekeeper's USB ports to charge your electronics device, such as mobile phone, digital cameras.**

