

# DEFCONLOCK™

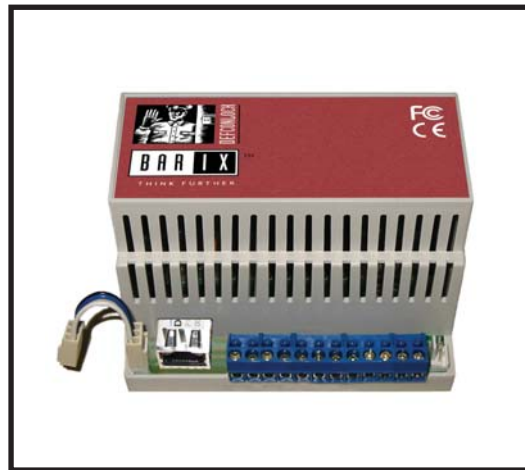


**Network enabled security controller  
and monitoring system for  
remote facility infrastructure,  
businesses or homes**

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Standalone controller, management  
and control via web browser or the  
internet

10/100 Mbit Ethernet connection

Connects to common readers,  
keypads, doorstrikes and  
detection devices



**PRELIMINARY INFORMATION  
SUBJECT TO CHANGE**

# DEFCONLOCK

## Technical Specifications

### Reader Interface:

RS-232, RS-485,  
Wiegand or Omron/Magstripe

### Doorstrike/Sensor Interface:

2 Relay Outputs, up to 8 digital inputs with software selectable pullup  
Temperature and humidity sensors (optional)

### Data storage / logging:

up to 50 card ID's (unlimited with online communications), up to 1000 log entries  
Optional realtime clock for time stamps and time profiles.

### Network Interface:

RJ45 10/100 Mbit Ethernet (Autodetect)  
TCP/IP, UDP, ICMP, DHCP, AutoIP, IPzator™, web server for control and status

### Status indicators:

Up to 12 LED's

### Power input:

9 - 24VDC

### Case:

high quality plastic, 320g, 4.13" x 3.34" x 2.83"  
105mm x 85mm x 72mm, din-rail mount

### Certifications:

FCC, CE

### User Interface:

browser based (integrated webserver),  
serial port or ethernet control API

The Defconlock™ is a network enabled security controller and monitoring system for remote facility infrastructure, businesses or homes.

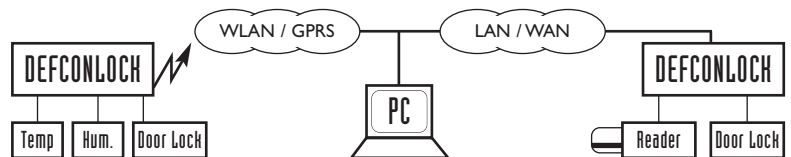
The system replaces a whole security setup (controller, panel, network interface, alarm and computer) making it cost effective.

A universal reader interface, multiple inputs and outputs allow an easy connection to most common readers, locks and sensors.

The Defconlock operates stand-alone and can be used in two different operating modes:

#### a) Remote facility infrastructure control and monitoring:

One or many Defconlocks communicate with a master computer using web based communication protocols (TCP/IP and HTTP over Ethernet, WLAN, GPRS/CDMA). The devices report their individual status in regular intervals and receive commands via encrypted communication. With a real-time system overview the Defconlock and its companion software is the ideal solution to secure telecom, power, water and other public as well as military infrastructures.



#### b) Autonomous room/door management in home and small business applications:

The Defconlock is managed via web interface (TCP/IP, HTTP based, password protected). ID and schedule tables are stored locally in the device. The controller maintains a log in local nonvolatile memory which can be loaded from the device using a standard web browser.

In case of a security breach, an alarm can be activated either locally via relay output or through network communications (email, sms, pager).

With its easy installation and communication capabilities, the Defconlock is the ideal solution to monitor and autonomously protect vulnerable areas at distant locations.

For further information, detailed technical specification and information about other versions and products: [www.barix.com](http://www.barix.com)