



DE-800 Network Access Controller – DATASHEET

Manufacturer: Magic Interactive Ltd.

Design, manufacturing and supply of control, communication, security and access systems.

Product Overview

The DE-800 is a professional network-based access controller designed for secure access control systems. It connects to a remote server, transmits identification data from QR readers or keypads, and performs access decisions based on real-time server responses.

System Operation

When a QR code is scanned or a phone number is entered, the controller sends an HTTP request to a remote server. The server validates the request and responds with an explicit command to allow or deny access.

Technical Specifications

Model	DE-800
Input Voltage	12V DC
Power Consumption	Low power consumption
Output Voltage	12V DC (QR Reader Supply)
Relay Output	Dry contact relay, NO/NC
Relay Activation Time	Configurable
Digital Inputs	1 × Trigger / Exit input
Supported Readers	QR code readers, numeric keypads
Network Interface	Ethernet RJ45
Network Protocols	HTTP / HTTPS
Response Format	<action>Opn01,VALUE</action>
Operating Mode	Online (server-based validation)
Response Time	≤ 2 seconds (server dependent)
Operating Temperature	-10°C to +60°C
Enclosure	Industrial grade enclosure
Mounting	Wall / cabinet mounting

Server Request Format

HTTP Method: GET

https://yourdomainserver.com/readerBridge?gates_id=xyz&value=VALUE

Supported values:

- QR: qr-12345678910111213141516
- Phone number: pn-05x12345678

Server Response Format

<action>Opn01,VALUE</action>

VALUE = 1 (Access granted) | VALUE = 0 (Access denied)

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Product Page

