



UNIFIED DUAL DOOR CONTROLLER



OVERVIEW

The Unified Dual Door Controller (UDDC) is a dedicated two-door access control field device designed to expand and simplify SAFEnet and iTrust system deployments. Installed near controlled access points and connected to the UDC controller via RS-485, the UDDC reduces cabling complexity and modular expansion without requiring changes to the core system architecture.

As a next-gen replacement for the legacy Dual Door Controller (DDC), the UDDC delivers reliable, distributed door control which provides organizations a single, intelligent controller that simplifies deployments, reduces costs and enhances scalability.

FEATURES

- Low cost and easy installation
- Full-featured and expandable as needed
- Intelligence at the edge of the network
- Remote internet configuration capability
- Lower overall price and total cost of ownership
- Seamless scalability to enterprise global command & control
- Works with all prior hardware lines on the SAFEnet platform
- Communicates via TCP/IP network to the command center
- Operates with or without host computer connectivity (stand alone)



HARDWARE SPECIFICATIONS

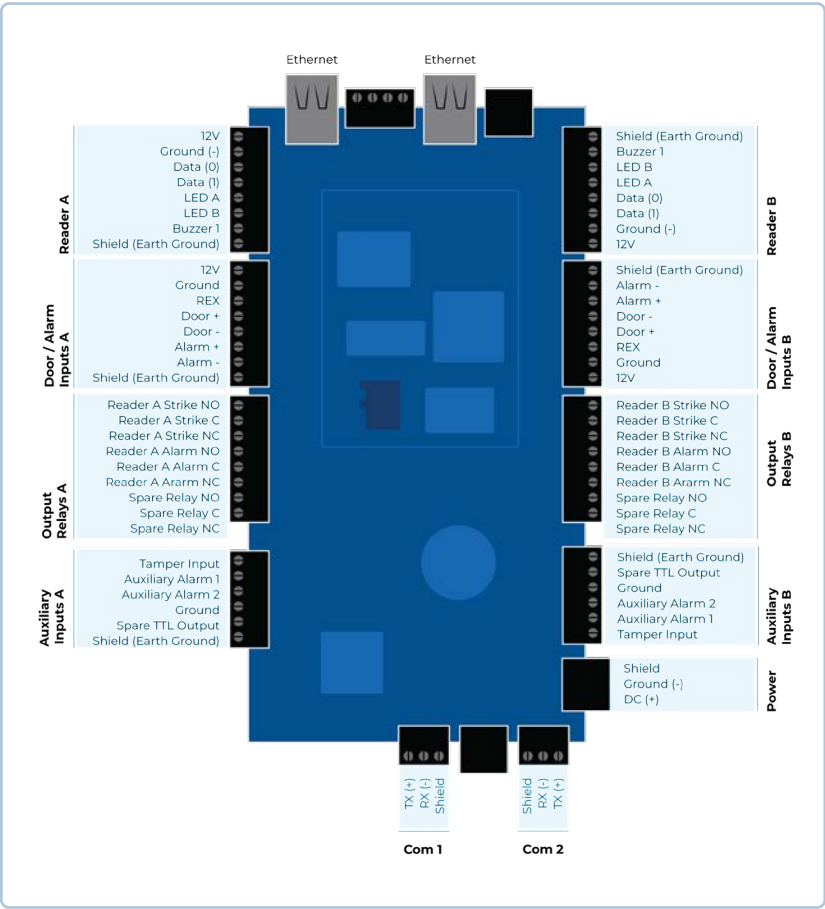
The UDDC is designed for unified access control and intrusion detection applications. Empowering organizations with the processing capacity required for the largest enterprise-wide access and intrusion applications. The UDDC is a dual-port Ethernet IP panel that transmits entry and exit data via high speed communications. Utilizing a Linux-based processor for stability, it communicates to the head-end with complete fail-over, at rates exponentially faster than standard serial based communications.

The UDDC utilizes the same proven hardware platform as the Unified Digital Controller (UDC), operating with specialized firmware optimized for downstream controller applications. This common hardware platform simplifies manufacturing and maintenance while delivering the reliability and performance of the UDC architecture. Connected to the host UDC via an RS-485 communication link, the UDDC extends the SAFEnet system by providing local access control and intrusion detection capabilities.

THE MON DYN GUARANTEE

Monitor Dynamics provides a 10-year Warranty on Monitor Dynamics-branded IDC hardware, provided Licensee maintains an active SLA and Required Certifications throughout the term.

UDDC BOARD DETAILS



INPUTS

TYPE	DETAILS
Supervised	2 Door position inputs 2 Alarm or General Purpose inputs
Non-Supervised	4.46 in (113.2 mm)

OUTPUTS

TYPE	DETAILS
Relay Outputs	2 Door Lock relays 2 Alarm relays (ON = door forced or door prop timeout; PULSING = door prop warning) 2 Spare relays

PRIMARY PANEL FEATURES

HARDWARE	SPECS
Processor	250/800 MHz ARM Processor
Memory	SD Card 32 GB+, On-Board Flash Memory 256 MB (2 x 128 MB), Random Memory 64 MB, Up to 10,000 cardholder records
Cardholder	10,000+ records
Event Storage	150k+ Stored Events
Electrical	Power - 12 VDC or PoE/PoE+ Current Draw - 360 mA (4.32 watts)
Environment	Operating ranges -32°F to +158°F 0°C to 70°C Humidity up to 90% (non-condensing)
Inputs	2 Door Positions 2 Alarm or General Purpose 2 Tamper 2 Request to Exit 4 Alarm or General Purpose
Outputs	2 Door Locks 2 Alarm: ON - door forced or door propped timeout 2 Spare Outputs
Field Device Comms	Protocol - TCP/IP

READER DETAILS

READERS	SPECS
Quantity	2 (Reader A, Reader B)
Configuration	1 Doors with dual readers (Entry/Exit) or 2 Door with single-reader entry control
Card Format	Bit formats include industry standards: 26,32,35,37 and 48 bit. Custom formats available.
LED Support	Single or Dual Color per Reader
Buzzer Support	1 per Reader
Supplied Power	12 VDC

BOARD DIMENSIONS

DIMENSIONS	VALUES
Length	8.27 in (210 mm)
Width	4.46 in (113.2 mm)
Height	1 in (25.4 mm)

LET'S TALK ABOUT YOUR FACILITY

Every security challenge is different. Our team will meet with you at no cost to assess your current environment, identify gaps, and outline a path forward with no obligation.

Book Your Free Consultation @ 210.477.5400 | sales@mondyn.com
Visit our Website: mondyn.com

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