



Door Access Control Module (DACM)



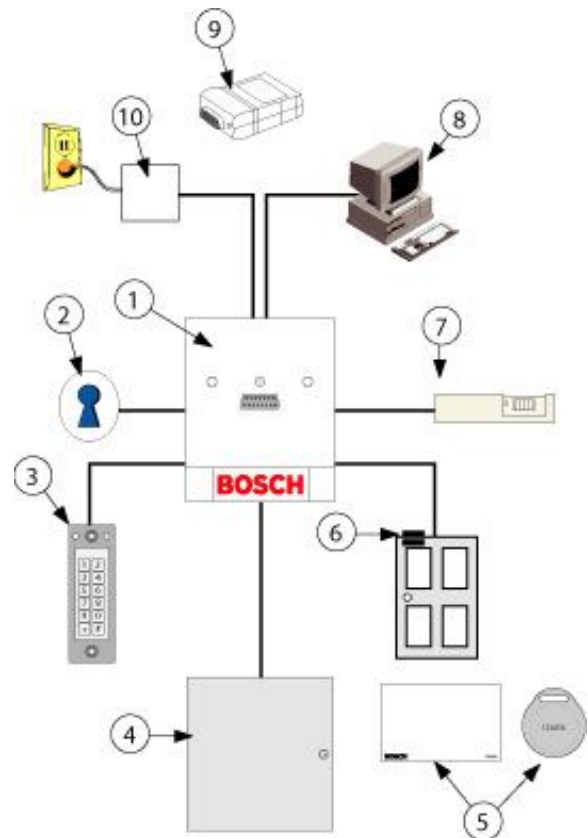
- ▶ Supports up to 500 users without PC software and up to 2,000 users with PC software
- ▶ Operates as an integrated security system component or as a stand-alone door controller
- ▶ Works with a variety of reader types and credential formats
- ▶ Users can administer the DACM from the reader keypad, security system keypad, or PC software

You can use the DACM as a stand-alone single door controller, or integrate the DACM into a building's security system. Use an integrated DACM to arm and disarm the security system. You can use credentials (cards and key fobs), personal identification numbers (PINs), or both.

System Overview

The DACM supports the following devices separately or combined: a proximity reader with keypad, a request-to-exit (REX) input, a door contact.

1. DACM Controller
2. Optional electric door strike
3. Proximity reader with keypad
4. Control panel
5. Proximity card and key fob
6. Optional door contact
7. Optional REX input
8. Desktop or laptop PC
9. Optional data transfer unit (DTU)
10. 12 VDC power supply for stand-alone systems



In a system with a DACM and an integrated control panel, you can use a credential to arm an area (partition), disarm

an area (partition), or silence an alarm.

Certifications and Approvals

Country	Listings, Certifications, and Approvals
Europe, Middle East, Africa, and others	CE EN50133-1 Alarm Systems – Access Control Systems for use in Security Applications

Installation/Configuration Notes

Compatibility Information

Control Panels	<ul style="list-style-type: none"> DS7240V2 and DS7220V2 Control Panels DS7400Xi V4+ Control Panel firmware revision 4.10 or greater
Credential Formats	Compatibility is subject to encryption type, encoding, and format type. <ul style="list-style-type: none"> Proximity ISO 50 bit Wiegand 8 to 50 bit Magstripe AXM Proximity 125 KHz 13.56 MHz Smart cards Key fobs
Reader Types	Compatibility is subject to interface and card format. <ul style="list-style-type: none"> HID Myfare Idesco Indala CASI-RUSCO Paxton Mr Access Integrated Engineering Bioscrypt® Banquetech Deister

Parts Included

Components	Kit 1	Kit 2	Kit 3	Kit 4	Kit 5
DACM controller	X	X	X	X	X
Proximity reader with keypad	X	X	X	X	
Package of 10 proximity cards	X	X			
Package of 10 proximity key fobs			X	X	
Program card	X	X	X	X	
DACM hardware pack	X	X	X	X	X
Proximity reader with keypad hardware pack	X	X	X	X	
PC serial communication cable	X		X		X
Installation guide	X	X	X	X	X
PC software CD	X	X	X	X	X

Kit 5 is for use with third party readers (not supplied). The DACM supports Wiegand interfaces between 8 bit to 50 bit (subject to format type) such as 26 bit open standard. If you use a third party proximity reader, you can only program the DACM from the PC and some of the enhanced LED functions for alarm indication become unavailable. The standard supplied proximity reader is based on 125 KHz and supports third party cards such as EM Marin, Sokymat, and Temic.

Technical Specifications

DACM

Input Power:	12 VDC
Current Draw:	65 mA
Lock Relay Rating:	5 A maximum at 12 VDC; 3 A maximum at 24 VDC
Dimensions:	87 mm x 106 mm x 30 mm

Proximity Reader with Keypad

Input Power:	12 VDC
Current Draw:	45 mA
Dimensions:	119 mm x 40 mm x 17 mm

PC Software

Processor Speed:	400 MHz minimum
Memory:	128 MB RAM minimum
Hard Drive:	100 MB free space minimum
Hardware:	CD-ROM drive and serial COM port
Operating System:	Windows® 98SE, 2000, Me, XP, and Windows NT®
Screen Resolution:	800 x 600 or 1024 x 768
Video Memory:	At least 8 MB

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Ordering Information

IUI-DACM/K1-EX Kit 1 Standalone or PC programmable. Includes one package of 10 proximity cards.	IUI-DACM/K1-EX
IUI-DACM/K2-EX Kit 2 Standalone only. Includes one package of 10 proximity cards.	IUI-DACM/K2-EX
IUI-DACM/K3-EX Kit 3 Standalone or PC programmable. Includes one package of 10 proximity key fobs.	IUI-DACM/K3-EX
IUI-DACM/K4-EX Kit 4 Standalone only. Includes one package of 10 proximity key fobs.	IUI-DACM/K4-EX
IUI-DACM/K5-EX Kit 5 PC programmable only. Excludes readers and cards.	IUI-DACM/K5-EX
Hardware Accessories	
IUI-CNTRL/DACM Controller For use with all DACM kits.	IUI-CNTRL/DACM

Ordering Information

IUI-DTU/DACM Data Transfer Unit (DTU) Transfers programming information from the computer to the controller without a direct computer connection.	IUI-DTU/DACM
IUI-CABLE/DACM Cable Provides PC serial communication.	IUI-CABLE/DACM
IUI-READKP/DACM Proximity Reader with Keypad Graphite gray case with integrated keypad.	IUI-READKP/DACM
IUI-READER/DACM Proximity Reader Graphite gray case.	IUI-READER/DACM
IUI-CARD/DACM Proximity Cards Each package contains ten cards.	IUI-CARD/DACM
IUI-FOB/DACM Proximity Key Fobs Each package contains ten key fobs.	IUI-FOB/DACM

Software Options

IUI-SWCD/DACM PC Software Stores over 60 database fields per user, adds or deletes users, and sets personal identification numbers.	IUI-SWCD/DACM
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