CRC400

THE UNIVERSAL CARD READER INTERFACE (URI) SYSTEM IS A METHOD OF SENDING CARD DATA FROM MULTIPLE CARD READERS DIRECTLY TO CONTROLLING SOFTWARE VIA A SINGLE SERIAL PORT IN A PC.

THE URI SYSTEM CONSISTS OF ONE MASTER INTERFACE MODULE AND UP TO 14 SLAVE INTERFACE MODULES, EACH CAPABLE OF SUPPORTING A SINGLE CARD READER.

THE SOFTWARE THEN PROCESSES THE CARD DATA AND SENDS A RELEVANT CONTROL SIGNAL BACK TO THE URI SYSTEM, WHICH HAS THE ABILITY TO GIVE A RELAY OUTPUT IF NECESSARY..

CRC400 SERIES

UNIVERSAL READER INTERFACE SYSTEM

Features

The CRC400 system supports many reader technologies, formats and outputs.

Data communication is made easy using RS232 and RS485 protocols.

Designed to interface with third party Database Management Systems.

Reader Protocols

The system supports a full range of card protocols including:

- Track 1 and 2 magnetic stripe
- Indala proximity
- HID proximity
- Mifare smart
- Legic smart
- Hitag proximity
- EM proximity
- Bar-code
- Biometric

Reader Formats

The system supports readers with the following output formats;

- Clock & Data
- RS232 serial
- Wiegand

Reader Technologies

The system supports full range of reader technologies including:

- Contactless smart
- Standard proximity
- Motorised magnetic stripe with card capture
- Standard magnetic stripe
- Bar code
- Hyper X
- Contact smart (chip)
- Mag or prox with PIN pad
- PIN pad only
- Biometric readers

Applications

- Membership Access Control
- Leisure Centres
- Fitness Clubs
- Golf Clubs
- Social Clubs
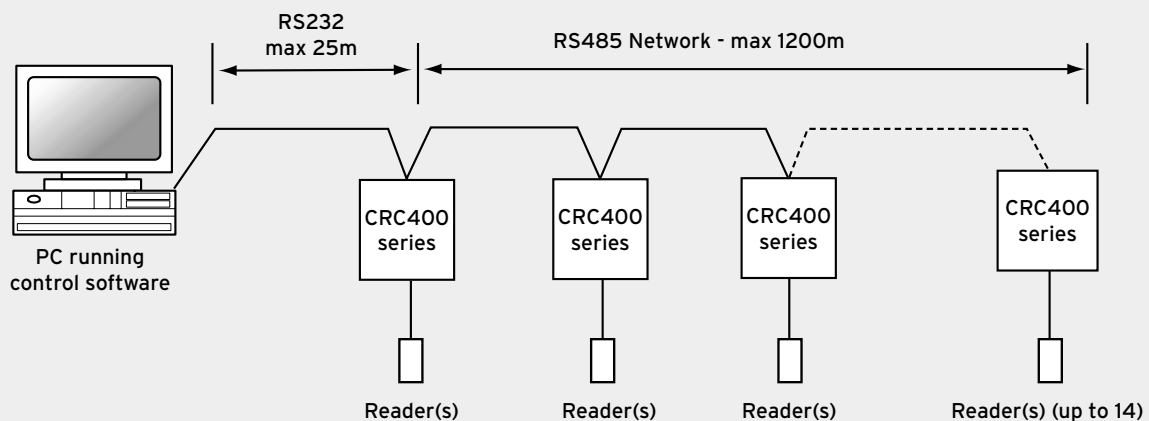- Process Control

Mifare Wristwatch
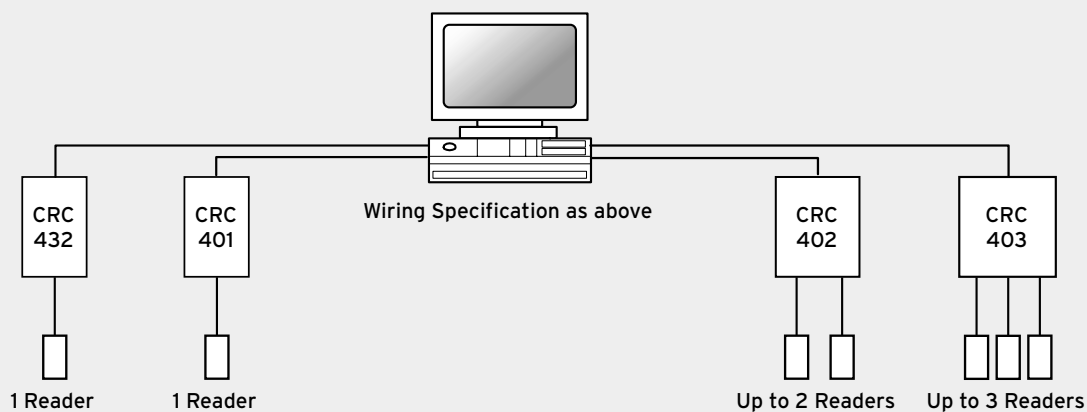

Mifare Wriststrap

Mifare Reader

NORTECH
CONTROL SYSTEMS

TECHNICAL SPECIFICATIONS

Universal Reader Interface (URI) Network Schematic

RS232 max 25m

RS485 Network - max 1200m

PC running control software

| CRC400 series | CRC400 series | CRC400 series | CRC400 series |

Reader(s)   Reader(s)   Reader(s)   Reader(s) (up to 14)

Options

Wiring Specification as above

| CRC 432 | CRC 401 | | CRC 402 | CRC 403 |

1 Reader   1 Reader   Up to 2 Readers   Up to 3 Readers

Technical Specifications

Power requirements:	230V AC
Output relays:	Voltage free change over relay rated at 2A @ 30V DC Variable output time driven by Software
Dimensions (mm):	300 x 300 x 130 (L x W x D)
Weight:	5 kgs nominal
Number of readers:	31
Request to exit:	0.5 or 5 second duration
Data transmission:	38400 baud (9600 option)

System Cabling

CRC400 to PC:	RS232 Serial Cable
CRC400 to Card Reader:	Belden 9536 or equivalent

Reader Cabling Distances

CRC400 to Standard Card Reader: 100m nominal

CRC400 to RS232 Format Reader: 25m nominal

Order Information

CRC401:	1 Reader Interface System
CRC402:	2 Reader Interface System
CRC403:	3 Reader Interface System
CRC432:	1 Reader Interface System

Supplied By: