DT1 & DT2 Desktop Enrolment Readers

Product Description

Nortech's desktop reader range supports most card reader technologies and software applications. It can be used to input data from proximity cards, smart cards or barcodes directly into Access Control software running on a PC or into databases, spreadsheets and other PC software applications.

The compact DT1 desktop reader comprises a USB interface and integral reader. Versions are available for a wide range of proximity and smart card formats. The interface can be programmed to output any sequential section of a card number received from the reader.

Our DT2 model can support virtually any third-party reader technology by integrating the appropriate third-party reader into the desktop unit. The data output from the reader may be in either Clock & Data or Wiegand format. The interface is powered from the USB port, which is suitable for powering attached readers requiring a 5VDC supply. However, an external PSU is necessary for readers requiring other voltages or where the current exceeds 150mA.

Features

▶ Compact desktop unit

▶ No installation required

▶ Connects to PC via a USB port

▶ Inputs card data directly into a PC application window

▶ Configurable via user-friendly software

▶ Selectable data output format

▶ Selectable terminating character

▶ Choice of integral reader technologies (DT1)

▶ Supports both Wiegand and Clock & Data card data formats

▶ Third-party reader integration option (DT2)

DT2

Specifications

Electrical

Supply Voltage: Powered via the USB port on the PC. For the DT2, if the reader requires greater than 5V @ 150mA, an appropriate power supply should also be connected

Physical

Dimensions (mm): DT1: 118 x 79 x 27 (L x W x H)

DT2: 155 x 120 x 48 (L x W x H) (excluding attached reader)

Inputs/Outputs

PC Interface: USB2.0 (backward compatible)

Reader formats: Wiegand: up to 80 bits input from the reader, up to 32 bits output as the card number

Clock & Data: up to 40 digits input from the reader, up to 10 digits output as the card number

Termination Chars: Selectable; Carriage Return, Tab or square bracket

Operational

Internal Buzzer: On/off selectable

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Application

5001234

5001234

Ordering Information

DT1-EM1-0000 Compact USB desktop reader. Reads 125kHz EM variants and derivatives.

DT1-HT1-0000 Compact USB desktop reader. Reads Hitag 1 (supports Technogym as standard).

DT1-DP1-0000 Compact USB desktop reader. Reads PAC fobs plus EM variants.

DT1-ISO-0000 Compact USB desktop reader. Reads serial numbers of 13.56MHz technologies including LEGIC Advant, Mifare, iCLASS, ICODE and Tag-it 2.

DT1-MIF-0000 Compact USB desktop reader. Reads a secure sector from a 13.56MHz Mifare proximity card.

DT1-LEG-0000 Compact USB desktop reader. Reads a secure segment from a 13.56MHz LEGIC Prime or LEGIC Advant Smart Card.

DT2-XXX-0000 USB desktop reader with integrated third-party reader. The reader must be free-issued by the customer.

Important Note

The above products are our standard products only. This by no means limits the scope of our desktop readers to support different reader technologies. The DT1 desktop reader can support a range of additional card technology variants and derivatives. Where the technology can't be supported by the integral reader of the DT1, an appropriate third party reader can be incorporated into the DT2 reader where it is free issued by the customer.

Please contact Nortech Control Systems to discuss your individual reader requirements.