

PowerWedge® 20

Decoders



Features

- Available in 2 models: Universal Single or Universal Dual inputs
- Host controlled indicators
- Connects using keyboard or serial interfaces
- Supports over 300 terminal interfaces
- Auxiliary serial port
- Five easy programming methods:
 - Bar code menu
 - Bar code batch
 - Serial batch
 - On-screen
 - Cloning

General Options

- Host Compatibility
- Select automatic terminator
- Add inter-character delay check
- Add CCD/laser redundancy check
- Four trigger modes
- Operates without keyboard
- Change upper case to lower case
- Enable/disable the programming mode
- Adjustable good read beep pitch/volume/quantity

Programmable Options (Bar Code)

- Select bar code type(s)
- Set minimum/maximum lengths for each bar code type
- Convert UPC-E bar codes to UPC-A format
- Convert UPC-A bar codes to EAN/JAN format
- Enable/disable checksum and check digits where valid
- Enable/disable UPC system digit, check digit and EAN/JAN country code
- Add user-defined preamble/postamble to each transmission
- Indicate bar code type

Decoder Programming Methods

- Bar code menu, interactive on-screen menu, bar code label serial batch file, cloning (requires special cable)

Mechanical

PowerWedge® 20:

- Height: 25 mm / 1.0"
- Width: 102 mm / 4.0"
- Length: 130 mm / 5.12"
- Weight: 180 g / 6.43 oz

Environmental

Temperature Ratings

Operating: 0° to 50° C / 32° to 122° F

Humidity:

5 to 95% NC
Complies with FCC Class A radio frequency emission requirements

Electrical

External Voltage: 9V@500mA

Host-supplied Voltage: 5V±10%

Input Current (mA): 115

Data Sheet

Indicators

Host Control, Green and red LEDs, Internal Beeper

Interface Options

RS-232C serial

Keyboard wedge IBM® PC/XT/AT, PS/2, Macintosh, ADD's, IBM 31xx, Data General, Televideo, DEC and many other terminal interfaces. (Interface cables, input devices and power supplies must be ordered separately)

Input Devices

Input One: 9-pin squeeze-style connector (Wand, 5V laser, CCD, ID Badge reader)

Input Two: 9-pin squeeze-style connector (Up to 3 tracks magnetic stripe support)

Input Two With "Y" Cable (Dual model only): Wand and up to track 2 magnetic stripe reader support 5V laser and one track magnetic stripe reader support

Magnetic Stripe

Enable/disable each magnetic stripe channel (3)

Enable/disable magnetic stripe format used by airline industry

Add user-defined preamble/postamble to each magnetic stripe channel

Indicate magnetic stripe type

Decoding Capability

- Code 39
- Codabar
- Standard 2 of 5
- UPC-A/E
- EAN-13/JAN-13
- ISBN Conversion
- MSI/Plessey
- Code 128
- AMES
- Code 39 full ASCII
- Interleaved 2 of 5
- Matrix 2 of 5
- EAN-8/JAN-8
- UPC/EAN/JAN extensions
- Code 11
- EAN 128
- Label Codes 4/5



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