# PowerWedge® 20

## Decoders

*Data Sheet*

## 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

## 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

## DATALOGIC™

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