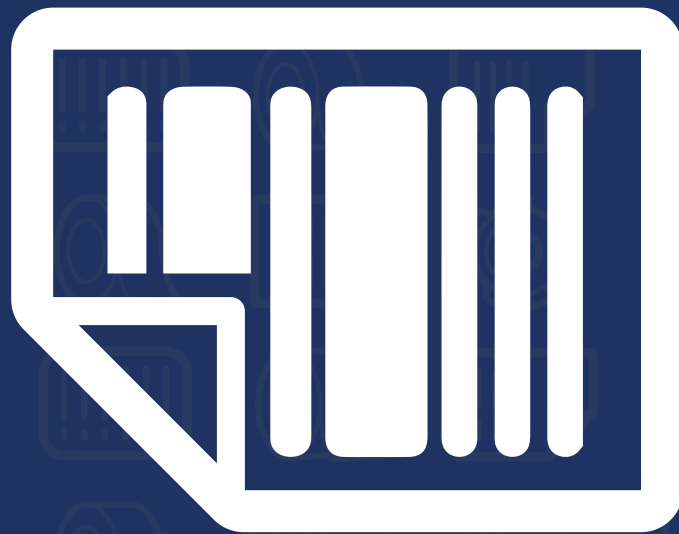




EBS-260 HANDJET PRINTER **BARCODE OPTIONS**



BARCODE OPTIONS

Internal EAN-13:

GS1(3 digits)/Manufacturer Code/Product code (Variable lengths)/Check Digit

Internal EAN-8:

Smaller variation of EAN-13, four digits on left side and four on right.

Internal EAN-8 + EAN-2:

2 digits are added to the right-hand side of the code to indicate additional information such as issue, year, weight, manufacturer's suggested retail price

Internal EAN-8 + EAN-5:

5 digits are added to the right-hand side of the code to indicate additional information such as issue, year, weight, manufacturer's suggested retail price

Internal EAN-13 + EAN-5:

5 digits are added to the right-hand side of the code to indicate additional information such as issue, year, weight, manufacturer's suggested retail price

Internal EAN-13 + EAN-2:

2 digits are added to the right-hand side of the code to indicate additional information such as issue, year, weight, manufacturer's suggested retail price

Internal Code25 Industrial:

Displays digits 0-9, quite big, infrequently used, no fixed length

Internal Code 25 Interleaved:

(AKA code 2 of 5 Interleaved) Displays digits 0-9, much smaller than industrial code 25. Only displays even number of digits, for odd begin with a zero.

Internal 2D: Data Matrix:

Text or numerical data. Must start with a 1, the number after the 1 is the application id (AI)

Internal GS1-128 (UCC/EAN-128):

Used for goods and palettes in commerce and industry, 14 digits, long it can be followed by a 6 digit year after an (AI) Example: (01)01234567890128(15)YYMMDD

Internal Code 128:

Has 3 subtypes, A, B & C. A: Alphanumeric (upper-case alphabets) B: Lowercase and uppercase alphabets, C: only numbers

Internal ITF-14:

Used to create the shipping container symbol, 1 digit is added to an EAN-13 to mark the packing variant. (Optionally can add solid bar around the main code)

BARCODE OPTIONS (CONTINUED)

EAN-2:

Addon code, as used for magazines (Must be added on to EAN13, EAN8 or UPC)

EAN-5:

Addon code, as used for books (See ISBN) (Must be added on to EAN13, EAN8 or UPC)

EAN-5 + EAN-2:

EAN-2, as listed above & EAN-5, as listed above.

Code 11:

Used in travel industry.

Code 25 Data Logic**Code 39:**

43 characters, consisting of uppercase alphabets, numeric digits 0-9 and (- . \$ / + %)

Code 39 Extended:

Same as Code 39 but lowercase alphabets can also be added.

Codabar:

Numeric bar 0-9 with special characters (- \$: / . +)

Leitcode:

Numeric code 0-9, the base of the code is Code 25 Interleaved but check digit is different (1-5 is zip code, 6-8 street code number, 9-11 house number, 12-13 product code, 14 check digit)

Identcode:

Numeric code using 0-9, the base of the code is Code 25 interleaved but with a different check digit. 1-2 mail center (outgoing), 3-5 customer code, 6-11 delivery number, 12 check digit

Code 16k:

Based on 128, 16k=128 squared. ABC123456789 digits are the available barcode data points.

Code 93:

Similar to code 39, with higher data security can encode 48 different characters.

GS1 DataBar-14:

14 digits long, if under 14 use zeros at the beginning of the data. Used for POS.

GS1 DataBar Limited:

Smaller than GS1 DataBar. Not used for POS, smaller lead digit can only be 0 or 1.

BARCODE OPTIONS (CONTINUED)

GS1 DataBar Expanded:

Similar as EAN-128 with reduced size. Variable length with capacity of up to 74 numeric and 41 alphanumeric. Can be used at POS.

Telepen Alpha:

Uses all 128 ASCII characters.

UPC-A:

Standard version of the UPC code with 12 digits. AKA UPC 12, similar to EAN code. First digit determines what the code contains 0,6,7 normal UPC code 1,8,9 reserved, 2 articles where the price varies by weight, 3 national drug code and health related items, 4 UPC code which can be used without format limits, 5 coupon.

UPC-E:

Shortened version of the code with 8 digits always starting with a zero. Displays digits 0-9.

PostNet:

Postal Numeric Encoding Technique. Used by ISPS to assist in directing mail. The zip code is encoded in half and full-height bars. Frequently the delivery point is added usually being the last two digits of the address or PO box number.

MSI Plessey:

Used for inventory control, marking storage containers and shelves in warehouse environments. Only supports digits 0-9, does not support letters or symbols. No fixed length (Not frequently recognized today)

Pharmacode One-Track:

Supports numeric digits 0-9. Used for in-house inventory control and security verification ensuring that packaging materials and contents match and are correct. Not for POS.

Pharmacode Two-Track:

Used in the packaging of pharmaceutical products. Supports digits 0-9.

PZN:

(Pharma-Zentral- Nummer) Code for medicine identification in Germany. Supports numeric digits 0-9. Length 7-8.

2D:PDF417:

Used in transport, ID cards, inventory management and boarding passes for airlines. Supports digits 0-928, uppercase and lowercase alphabets, ;, <, >, @, [, \,], _ , ` , ~ , ! , CR, HT, comma, :, LF, -, period, \$, /, ", |, *, (,), ?, {, }, ' ,

2D:PDF417 Truncated

BARCODE OPTIONS (CONTINUED)

2D:QR Code:

"Quick Response Code" May include alphabetic characters, text, numbers, double characters, URLs.

Australia Post 4-State:

Assists in shipment of bulk mail. 10digits 0-9, uppercase and lowercase alphabets, the symbol # and space.

Royal Mail 4-State (RM4SCC):

Enables UK postal codes.

2D:MicroPDF417:

Permits all ASCII characters 32-126 and ASCII 9, 10, 13. 250 characters if all characters are uppercase. Binary 150 characters. Numeric 366 digits when only numbers