

# GS1 Barcodes

COBI.wms supports the scanning of **GS1-128**, **GS1 QR Code**, and **GS1 DataMatrix** codes, so long as your scanning hardware can handle these formats.

GS1 codes can contain multiple pieces of data bundled together, so for example an item code, batch number, and expiry date could all be read with a single scan.

The data fields in a GS1 code are identified with so-called Application Identifiers (AI) which have a numeric code. Currently, COBI.wms supports the following AI codes:

| AI  | Meaning            | Function in COBI.wms   |
|-----|--------------------|--|
| 00  | SSCC               | Add a package with the scanned SSCC in delivery packing slips  |
| 01  | GTIN               | Identify item (item code or barcode)                           |
| 02  | Contained GTIN     | Identify item (item code or barcode)                           |
| 10  | Batch number       | Auto-insert batch number, or lot number field of serial number |
| 11  | Production date    | Auto-insert production date field for batch number             |
| 15  | Best before date   | Auto-insert best-before/expiry date field for batch number     |
| 17  | Expiry date        | Auto-insert best-before/expiry date field for batch number     |
| 21  | Serial number      | Auto-insert serial number                                      |
| 240 | Product number     | Identify item (item code or barcode)                           |
| 30  | Number of items    | Auto-insert quantity   |
| 310 | Net weight (kg)    | Auto-insert quantity   |
| 330 | Gross weight (kg)  | Auto-insert quantity   |
| 37  | Contained quantity | Auto-insert quantity   |

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