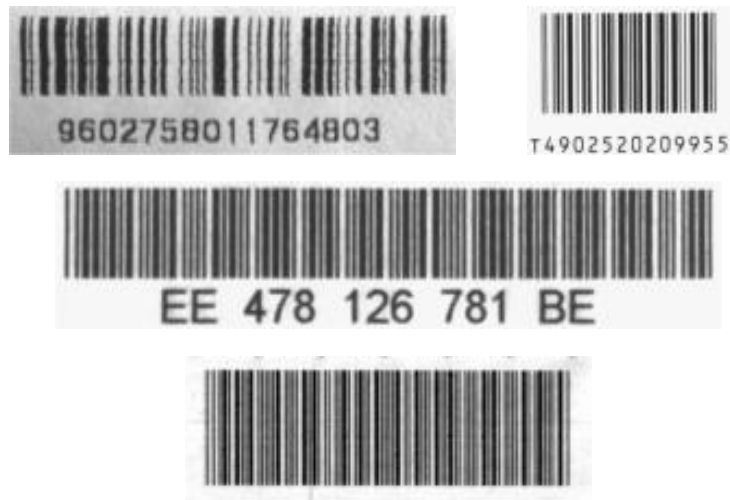


mvIMPACT Barcode

Barcodes are commonplace in various applications where they are used for identification and tracking purposes. They are a low cost and well-accepted technology known for its reliability and ease of implementation.

Numerous symbols have been introduced in the course of history, supporting different character sets, various amounts of information and built-in redundancy (check digits). One or more standards are used in each different industry.



Typical barcodes

A good barcode reader has to be fast and able to locate a symbol in any orientation and contrast, and possibly damaged robustly. For better convenience, it has to be able to discriminate between the supported encodings automatically.

Main features

Automatic location

The reader is able to find a code whatever the size and thickness and with arbitrary orientation and angle, even in a complex image. This is a fully automatic process requiring no training.

For improved performance, the search area can be restricted to a known area of interest, and a priori information can be provided.



Symbol location

Supported symbols and type recognition

The barcode module is able to decode all major types:

- Code 128/EAN 128
- Interleaved 2 of 5
- Codabar
- Code 39/Code 39 Extended
- UPC A/EAN 13

The symbol type is automatically detected, but pre-selection is also possible. Additional symbologies can be supported upon request.