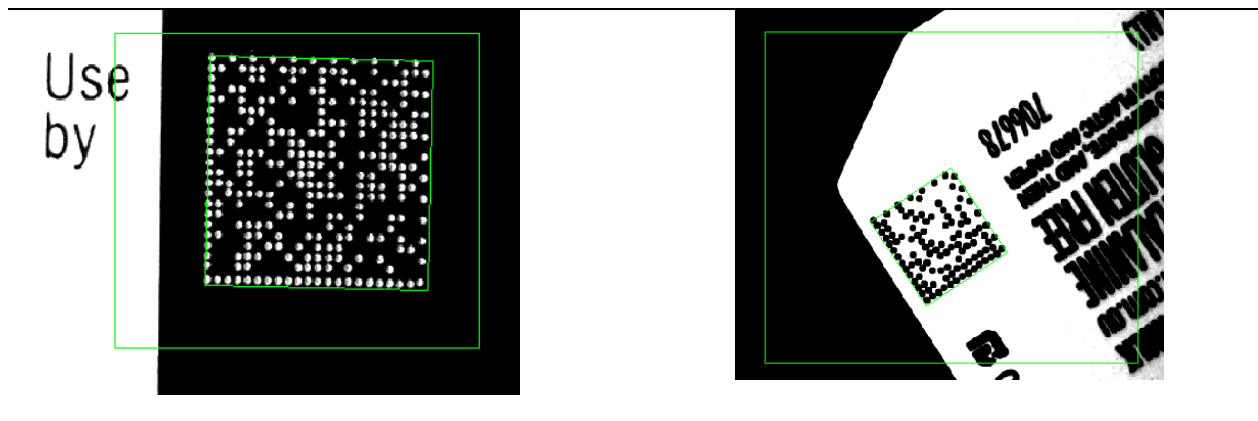


APPLICATION NOTE

2D Datamatrix Code Decoding, Identification and Verification

CAPABILITY

Our smart cameras have robust 2D code algorithms which will reliably decode and identify 2D codes in all rotations within a search region.



Examples

HARDWARE

Typical hardware required:

- Camera
- I/O Cable
- Ethernet Cable
- Integrated Lighting
- Trigger Sensor

METHOD

- a reference image is captured by the camera.
- a search region is set (which can be all or part of the entire image).
- the smart camera can be set to decode or to verify.
- a pass/fail output can be set for non-conforming codes (incomplete or wrong match)
- the code string can be output to an external device such as a CIM for matching/data recording.

CONSIDERATIONS

- IP rating requirements
- communication protocols of the host system
- means available to receive/output code strings to/from the smart camera
- the number of different 2D codes to be checked

OFFER

Call 1300-478-474 for your Free "Size & Purpose" Site Audit to help you start minimising your rework, rejections and recalls.

TECHNOLOGY PARTNERS

