**AMS Ltd, Unit 21 Mead Park Industrial Estate,
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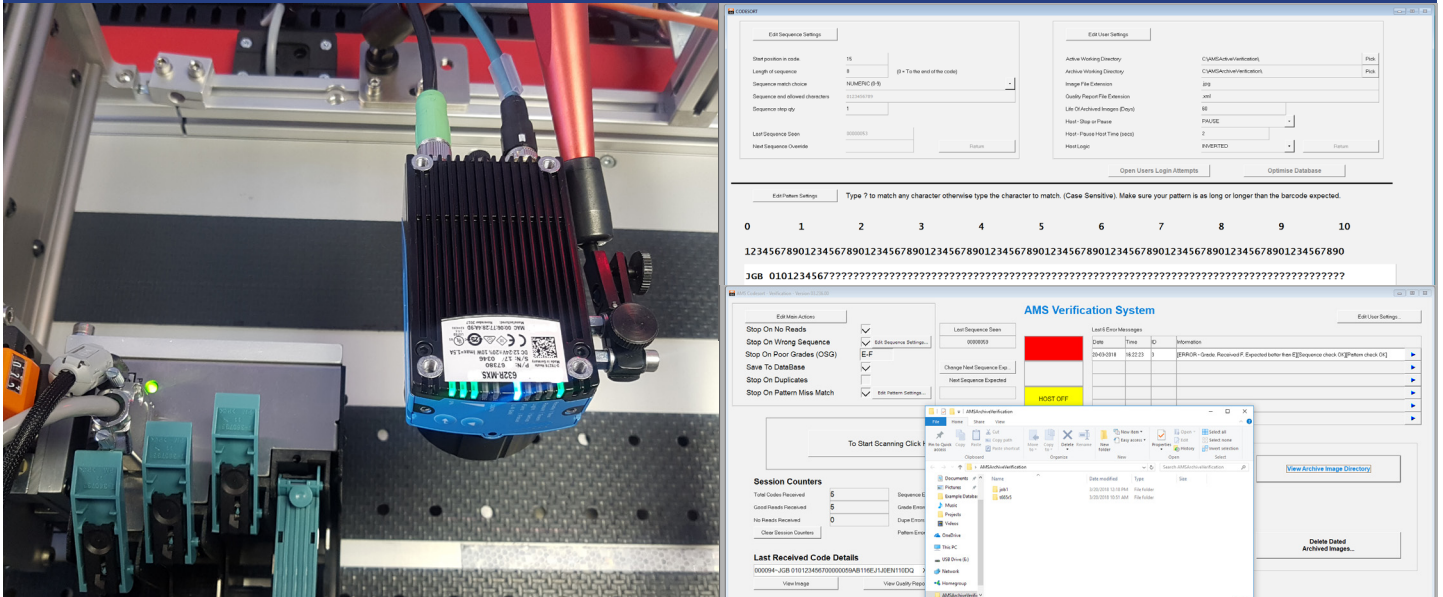Web: www.amsmailingsystems.co.uk**

AMS DATA & BARCODE VERIFICATION SOLUTION

The AMS Data & Barcode Verification System is simply that! A scanner & software package that checks that your codes are scannable and that your barcodes conform to your pre-set requirements such as:

- **Sequential checking** - Alphanumeric, numeric, ascending & descending, upper & lower case

- **Grade checking** - Check your codes conform to a minimum grade quality

- **Database creation** - Create a database from the codes scanned and export to a csv file

- **Duplication checking -** Checking to see if a code has been seen before in the same database

- **Pattern checking** - Checking that each code contains the correct fixed character in the right places

- **Image Capture & Quality Reporting** - Capture each barcode or document image along with its quality report.

The AMS Data & Barcode Verification System can reduce costly re-runs, postage wastage, and minimise business risks.

It can also help to provide mailers with a high level of assurance that a barcode (such as the Royal Mail Mailmark™) is scannable by sorting machinery and acceptable with certain grading standards.

This simple system can be fitted to almost any printing and finishing equipment and can be configured to suit your exact requirements. We can provide either a very simple low cost solution, with just the software (suitable PC or laptop required) and a barcode scanner to verify the codes, or a complete solution including a high capacity high performance PC's with image capture scanners.

The software, whilst simple to use and learn is also customisable should you need some specific code written or added for your organisation, this may be done as a free future feature release or quoted for prompt delivery.

AMS – MAILING MADE EASY

Features

- **Verification of barcode readability**
- **Sequential checking**
- **Grade checking**
- **Database creation**
- **Pattern checking**
- **Image Capture & Quality Reporting**
- **Job Archiving**
- **Session Counters**
- **User Management Levels**
- **Host Stop or Pause Signal, High or Low outputs**
- **Tower light outputs.**

Barcode Scanner - no image capture

Code resolution ≥ 0.1mm
Exchangeable illumination options
60Hz, WVGA resolution
30mm-300mm reading distance

Barcode Scanner - with image capture

1.9 MPx Camera (1600px x 1200px resolution)
Code resolution ≥ 0.1mm
Adjustable focus
Exchangeable illumination options
50 Hz scanning frequency @ 1.9 MPx
50-2200mm reading distance

Supported Barcode Formats:

GS1-128/EAN128
UPC/GTIN/EN
Interleaved 2 of 5
Pharmacode & GS1 Databar
Code 39, Code 128, Codabar, Code 32, Code 93

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Supported 2D codes:

DataMatrix ECC200 MaxiCode
GS1 DataMatrix QR code

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DataMatrix ECC200 MaxiCode
GS1 DataMatrix QR code

PC Options

Dell High-end PC
Windows 10 (64bit)
I7 Processor
16GB DDR4 RAM
256GB SSD system memory
4 TB HDD Data storage

Other Options

AMS Light Tower Pack
AMS Image Capture Pack
AMS PC Pack
Conveyors
Vacuum Bases

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