

## MUSA RS - Data Capture Systems

### ● ● ● ● when the front office makes its choice

To meet increasingly demanding front office needs, the MUSA RS product line offers a wide range of functions and solutions that are truly innovative, with simplification of business processes as the common denominator.

The advantages of using the RS recognition systems are immediately evident and businesses that use these systems are perceived as credible and trustworthy. In fact, the customer experiences the "first impact" as outstanding and efficient.



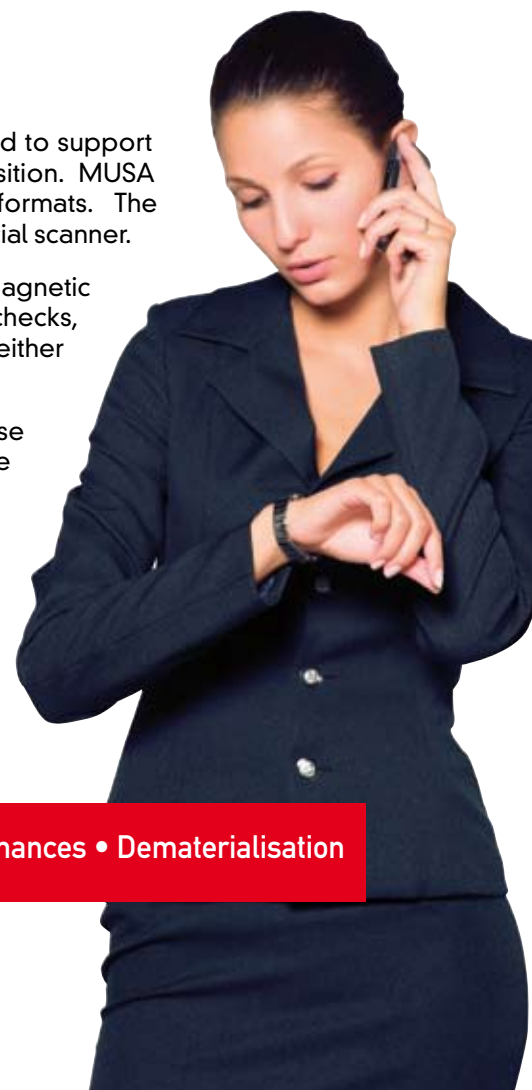
### ● ● ● ● common functions for various objectives

The MUSA RS series of Data Capture Systems are planned and developed to support the processes related to various problems with data and document acquisition. MUSA RS systems digitally acquire documents and convert them into various formats. The process is quick and automatic, through the unique performance of a special scanner.

MUSA RS systems are able to read data from various sources: smart cards, magnetic swipe cards, chip cards, and thank to OCR function, to obtain data from checks, business cards, medical prescriptions, vouchers, badges, etc., as well as either stapled paper or laminated paper up to 2 mm thick.

Furthermore, through a specific software, the systems are able to recognise personal documents such as identity cards, passports, health insurance cards, driving license, etc.

Registering customers in a reception area or in a hotel, acquiring data during an event, filling out questionnaires or stipulating contacts, or even digitalising checks, data and important documents to transmit them to third parties or simply archive them, are just some of the operations that can be performed with RS solutions.



Maximum integration • Compactness & versatility • Specific performances • Dematerialisation

●●●● to each his own

### Musa RS – Multi-functional terminals RS-801, RS-850, RS-1202, RS-1250

The multi-functional terminals are Data Capture Systems with integrated touch screen display.

All-in-one platforms integrate PC functions with the functionality of a scanner to acquire and digitalise data and documents from various sources: paper – from A4 to A9 – plastic - magnetic formats, health insurance cards, credit cards, etc.

A truly mobile and compact office with the extraordinary performance of advanced, practical and smart terminals.

The 32 x 30 cm size includes functionality and tools that normally require much more space.

The machines are available with various configurations: horizontal and vertical with a displays ranging from 8" to 12", with an optional keyboard or thermal printer, smart card reader or writer, etc.



### Musa RS – Scanners RS-100, RS-150

The multi-utility professional scanners are light, practical, multi-functional, simple and manageable.

MUSA RS scanners simultaneously acquire data from the front and back of A4 to A9 paper, as well as rigid, laminated and up to 2 mm in width cards, such as magnetic cards, badges, smart cards, etc.

They are ideal for activities performed on-the-go and can be easily placed on a desk between the monitor and PC.

These scanners provide significant advantages: first and foremost, they reduce paper waste, by avoiding needless photocopies; in addition, they immediately digitalise documents, allowing the data to be available always and anywhere and the increased speed and precision in carrying out office activities leaves a positive impression on the customer.

The scanners are available with various options: automatic feeder, smart card reader/writer and badge reader.

They can be installed in minutes and OCR functionality can also be empowered.



### COLOUR CUSTOMISATION

The base colour is black, but the following variations may be requested



Velvet Grey



Coal Black



Soft Touch Black



Root



## Musa RS – Kiosks RS-K1

The multi-functional kiosk includes all the simplification and automation functions typical of RS systems and combines them with other functions that make it unique and exclusive, both for its structure and ergonomics.

Simple and intuitive, durable yet with an attractive design, the kiosk is suited to perform not only the typical activities of queue reduction and info-point, as well as particular activities such as a registration/ acceptance point or data acquisition. It is an excellent time-saving device, eliminating queues and improving self-service performance.

The embedded scanner gives the kiosk all data capture functions of any RS machine.



### ●●●● applications areas

The combination of functions and solutions for acquiring, collecting, recognising and managing data allow our products to resolve everyday problems, in various settings, in both the public and private sectors:

- **banking:** acquiring checks and documents or automatically compiling contracts; providing customers with information regarding banking transparency, news, conditions, accrued interest and mortgages loan, etc.;
- **tourism and hospitality services:** registering guests/customers at hotels, camp sites and airports;
- **sports:** issuing sports membership cards, loyalty cards or other types of cards that require completing questionnaires;
- **health and pharmaceutical:** acquiring and managing medical prescriptions in hospitals, nursing homes or diagnostic centres;
- **access control and security:** visitor registration with the concierge in large buildings or companies;
- **public:** self-service kiosks or terminals supported by an operator can collect certificates or automatically issue paper receipts;
- **professional or notary offices:** acquiring personal documents and transcribing the data in any type of deed, without manual data-entry;
- **public areas,** such as shopping centres, libraries and schools, for registering users by acquiring personal documents and issuing receipts or cards of various types.



## Technical Specifications RS-801, RS-850, RS-1202 e RS-1250

|  |  |   |
|--|--|---|
| <b>Platform</b>                              | INTEL®<br>BIOS<br>Chipset  | Celeron® M 1.5 GHz 1Mb cache<br>Award® 4M bits Flash ROM BIOS<br>Intel® 855 GME + ICH 4 |
| <b>Operating system</b>                      | Microsoft® Windows XP® Professional service pack 2   |   |
| <b>Main memory</b>                           | 1 GB 184-pin DIMM unbuffered DDR 400 SDRAM; 2 socket for expansion till 2 GB   |   |
| <b>Graphic</b>                               | Built-in Intel® 855GME chipset (up to 64 MB of memory video dynamic)   |   |
| <b>Hard disk</b>                             | Series RS-800<br>Series RS-1200  | EIDE 40 GB 2,5" 24/7 rpm 5400<br>EIDE 60 GB 2,5" 24/7 rpm 5400                          |
| <b>Display</b>                               | LCD TFT 18 Bit LVDS ris. px 800x600 Integrated Touch Screen<br>Dimensions series RS-800 mm 170,4 x 127,8<br>Dimensions series RS-1200 mm 246 x 184,5 |   |
| <b>Connectivity</b>                          | 1x VGA external<br>1x Ethernet 10/100 Mbps<br>1x PCMCIA, type II-III<br>1x RS232/422/485 (optional only on RS-1202)                                  |   |
|  | 1x PS/2 combo for keyboard and mouse<br>4x USB 2.0 High Speed<br>1x RS232/422/485 + 1x Parallel CX (optional)  |   |
| <b>Scanner</b>                               | Refer to RS-100  |   |
| <b>Smart Card reader/writer</b>              | Transfer rate up to 230 Kbps a 4,8 and 16 Mhz<br>Standard ISO 7816; EMV 2/3  |   |
| <b>Badge reader</b>                          | 3 tracks badge reader (optional on series RS-100 and RS-800)   |   |
| <b>Thermal printer<br/>(optional RS-801)</b> | Printing method<br>Speed<br>Paper wide   | Thermal with fixed head; 203 dpi (8 dots/mm) 24/40 columns<br>> 50 mm/sec<br>58 mm      |
| <b>Source &amp; consumption</b>              | Input 100-240 V AC, 2A 50/60 Hz Universal; Output 12 V DC, 6.67A; 45 watt  |   |
| <b>Weight &amp; dimensions</b>               | Series RS-800<br>Series RS-1200  | 3,8 kg - 334 x 298 x 130 mm<br>3,5 kg - 334 x 310 x 130 mm                              |

## Technical Specifications RS-100 e RS-150

|   |  |   |
|---|--|---|
| <b>Resolution</b>                                     | Up to 300 dpi colour; up to 600 dpi grey scales colour   |   |
| <b>Modality</b>                                       | Colour, black/white, red and 256 grey scale  |   |
| <b>Scan</b>   | Back and front simultaneously  |   |
| <b>Formats</b>  | Tiff, jpeg, bmp  |   |
| <b>HW Interface</b>                                   | USB 2.0 High Speed   |   |
| <b>SW Interface</b>                                   | TWAIN, API   |   |
| <b>Document feature</b>                               | Minimum A9 (mm 37,1 x 52,5), maximum A4 (mm 210 x 297)   |   |
| <b>Paper weight</b>                                   | Up to 2 mm thick (it is possible to scan laminated cards)  |   |
| <b>Speed</b>  | RS-100<br>RS-150   | 9 ppm (A4 f/r 300 dpi grey scale)<br>12 ppm (A4 f/r 300 dpi grey scale) |
| <b>OCR function</b>                                   | Passport and European Identity Card (standard)<br>Italian Identity Card, health card and new driving licence format (optional) |   |
| <b>Fonts</b>  | CMC7, E13B, OCR A, OCR B, Barcode both linear and planar PDF 417   |   |
| <b>Badge reader</b>                                   | 3 tracks badge reader (optional)   |   |
| <b>Smart Card reader/writer<br/>(optional RS-150)</b> | Transfer rate<br>Standard  | up to 500 kbps<br>ISO 7816-1, 2, 3, 4; EMV 1; CB                        |
| <b>Feeder (optional RS-150)</b>                       | Capacity   | 15 sheets A4  |
| <b>Source &amp; consumption</b>                       | Input 100-240 V AC, 2A 50/60 Hz universal; Output 12 V DC, 6.67A; 45 watt  |   |
| <b>Weight &amp; dimensions</b>                        | 1,4 kg - 330 x 50 x 100 mm   |   |

## Technical Specifications RS-K1

|                                    |  |
|------------------------------------|--|
| <b>Integrated PC &amp; Scanner</b> | Refer to RS-801                            |
| <b>Display</b>                     | LCD TFT 17" or 19" Integrated Touch Screen |
| <b>Weight &amp; dimensions</b>     | 87 kg - 1200 x 600 x 620 mm                |