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# Scanner Command Set

Version 1.5

January 22, 2015

### *Inquire command*

The Inquire command returns the MRZ information decoded by the scanner.

Inquire command:

0x49 | 0x00 | 0x00

Inquire response:

0x49 | L1 | L2 | MRZ data

L1 is the MSB and L2 is the LSB of the MRZ data length

MRZ data contains ASCII characters

### *Inquire 1 Line command*

The Inquire 1 Line command returns the MRZ information decoded from the 1 Line MRZ area.

Inquire 1 Line command:

0x4C | 0x00 | 0x00

Inquire response:

0x4C | L1 | L2 | MRZ data

L1 is the MSB and L2 is the LSB of the MRZ data length

MRZ data contains ASCII characters

### *Active Continuous Reading command*

The Active Continuous Reading command enable or disable the Continuous Reading mode. In this mode the scanner automatically-detects a new document and send the decoded MRZ data.

Note: After a successful reading this mode is automatically deactivated, so a new command need to be send to re-activate it. If the current document remains in the slot, it will not be read twice. To process again the inserted document, a reset of the Continuous Read mode is required.

Active Continuous Read command:

0x43 | 0x00 | 0x01 | State

Active Continuous Read response:

0x43 | 0x00 | 0x01 | State

State is set to 0x01 to activate the reading and set to 0x00 to deactivate it

### *Active Presence Detection command*

The Active Presence Detection command enable or disable the Presence Detection mode. In this mode the scanner detects the document insertion and removal, and provides current availability of the cards through Card State messages.

Note: After the document removal this mode is automatically deactivated, so a new command need to be send to re-activate it.

Note: Continuous Reading mode and Presence Detection mode are exclusive, only one mode is activated at a time.

Active Presence Detection command:

0x50 | 0x00 | 0x01 | State

Active Presence Detection response:

0x50 | 0x00 | 0x01 | State

State is set to 0x01 to activate the reading and set to 0x00 to deactivate it

Card State message:

0x50 | 0x00 | 0x01 | CardState

CardState can take two values STATE\_PRESENT(0x20) or STATE\_EMPTY(0x10)

### ***Get Version Command***

The Get Version command returns the firmware version number.

Get Version command:

0x56 | 0x00 | 0x00

Get Version response:

0x56 | 0x00 | Le | Version

Le is the string length of the firmware version

Version contains the firmware version

### ***Get OCR Version Command***

The Get OCR Version command returns the OCR version number.

Get OCR Version command:

0x57 | 0x00 | 0x00

Get OCR Version response:

0x57 | 0x00 | Le | Version

Le is the string length of the OCR version

Version contains the OCR version

### ***Get Product Information Command***

The Get Product Info command returns the product information.

Get Product Information command:

0x54 | 0x00 | 0x00

Get Product Information response:

0x54 | 0x00 | 0x05 | Product Info

Product Info contains the product information (5 bytes long)

### ***Get Serial Number Command***

The Get Serial Number command returns the device serial number.

Get Serial Number command:

0x52 | 0x00 | 0x00

Get Serial Number response:

0x52 | 0x00 | 0x08 | SN

SN contains the device serial number (8 bytes long)

### ***Read/Write User Information Command***

The Read/write User Information command allows to read and write user information in the device EEPROM memory,

Read User Information command:

0x55 | 0x00 | 0x00

Write User Information command:

0x55 | 0x00 | 0x08 | Info

Info contains the information to write (8 bytes long)

Read/Write User Information response:

0x55 | 0x00 | 0x08 | Info

Info contains the user information (8 bytes long)