

Smart Smart Dual

Card Printer

CARD PRINTER Operating manual



RF ID tag & board

- * This ID Card Printer check its ribbon RFID tag whether it is authorized ribbon or not when it is power on.
- * If the authorized ribbon is installed, the printer check the remained card.
- * Each motors are initialized to its default locations and display the current firmware version and finish its booting.
- * RFID tag is used to check the authorized ribbon.
- * To read the information of RFID tag, RFID board is connected with Main board.
- * If try to use the ribbon without RFID tag, the printer will not be operated.

white card printing

- * Place the card to hopper.
- * Execute the printing command on PC.
- * The print data will be saved on SD RAM through USB port.
(5 panel data : Y, M, C, K, O)
- * Not used yellow panel will be adjusted to its starting point.
- * The card is moving to the printable location and the thermal head will be down.
- * Yellow panel data of SD RAM will be printed to the card using thermal head.
- * After finished yellow panel printing, the thermal head will be up.

- * Magenta panel will be adjusted to the starting point.
- * The card is moving to the printable location and the thermal head will be down.
- * Magenta panel data of SD RAM will be printed to the card using thermal head.
- * After finished magenta panel printing, the thermal head will be up.

- * Cyan panel will be adjusted to the starting point.
- * The card is moving to the printable location and the thermal head will be down.
- * Cyan panel data of SD RAM will be printed to the card using thermal head.
- * After finished cyan panel printing, the thermal head will be up.

- * Black panel will be adjusted to the starting point.
- * The card is moving to the printable location and the thermal head will be down.
- * Black panel data of SD RAM will be printed to the card using thermal head.
- * After finished black panel printing, the thermal head will be up.

- * Overlay panel will be adjusted to the starting point.
- * The card is moving to the printable location and the thermal head will be down.
- * Overlay panel data of SD RAM will be printed to the card using thermal head.

- * After finished overlay panel printing, the thermal head will be up.
- * The printed card is moving to the stacker.

magnetic card (R/W)

- * Place the magnetic card to the hopper.
- * Execute the magnetic encoding command from PC.
- * The encoding data will be saved to SD RAM through USB port.
- * The magnetic card is moving to the magnetic head location.
- * The encoding data in SD RAM is writing to the magnetic card using the magnetic head.
- * After finish its encoding, the magnetic card is moving again to the magnetic head location.
- * Read the magnetic card.
- * Verify between the writing data and reading data.
- * If there is an error in writing or reading, it will be recorded as an error.
- * If there is no problem in writing and reading, the encoded magnetic card will be moved to the stacker.