



## XID9300e specifications

Version 1.1 – August 2017

### BASE PRINTER

#### Main features

Dual-sided  
Reverse transfer printing technology  
Over-the-edge printing  
Color dye sublimation and monochrome resin thermal transfer  
300 dpi (300 x 300 for Y, M, C and K panels)

- Text, black resin or YMC gray scale
- Barcode
- Logos, images, ID pictures, shadow image
- Microlines and patterns

RAM: 32 MB  
IPSC Smart Controller: 2 GB RAM, 32 GB SSD drive  
On-off button  
Graphical colored LCD

#### Device connection

XID-INTerface module

- Host: Ethernet single-wire TCP-IP 10BaseT, 100BaseT
- Modules: USB and Infrared connectivity
- Extra devices (chip encoders, barcode readers, etc...) USB Hub

#### Card hoppers

Feeder encoder module (FEM)

- Input hopper: 1 x 350 cards
- Exception feeder: 1 card
- Reject tray: 10 cards

XID-INTerface module (XID - INT)  
Reject tray: 10 cards

Output hopper: 100 cards

#### Security

Electronic locks: printer and feeder module

- User key override, feeder module, drawer
- Service key override, feeder module, top Cover

Physical key lock: XID-INTerface reject tray  
Kensington® slot: printer and feeder modules (cables not supplied)

#### Power supply

Printer module

- Integrated power supply
- Input 100 / 240 Volts AC, 50-60 Hz, 3,5 / 1,6 A

XID-INTerface module

- Integrated power supply
- Input 100 / 240 Volts AC, 50-60 Hz, 2 / 1 A

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### OPTIONS

#### Printer module (XID)

#### Feeder encoding module (FEM)

#### Inline lamination (ILM)

#### Bend remedy option

- Prevents card bending in case of single-sided printing

#### Extra feeder modules

- Up to 3 additional FEMs, 350 cards each, up to 1,400 cards feeder capacity

#### Encoding options

- Magnetic ISO 3-track encoder, up to one unit per FEM
- Chip contact and contactless dual encoder & contact station, up to one unit per FEM
  - Mifare/DesFire and ISO 7816
  - Open for 3rd party chip encoder integration upon request (USB port)

#### Barcode and character recognition

- 1D or 2D barcode reader
- OCR reader

#### Secure reject tray

- One secure reject tray per FEM module
- Located at the FEM's rear
- Accessible with service key, authorized staff only

#### ILM lamination module

- ILM-LS, single-sided, lower cassette
- ILM-DS, dual sided, lower and upper cassette
- Infrared internal connection
- Integrated power supply, input 100-240 Volts AC, 50-60 Hz, 3,5 A

### SOFTWARE ENVIRONMENT

#### Software

#### Matica Desktop Suite

- Supported OS: Win 7, Win 10, Windows Server 2003, 2008, 2010
- Client Server architecture
  - Communication between IPSC and host
  - Network traffic optimization
  - Device line creation, device line settings
  - Device line status
  - Job management
  - MDS monitoring module for job and device supervision
  - SDK and DII for integration, xml job file for direct print job

#### IPSC Smart Controller

- Intel NUC, 2 GB Ram, 32 GB SSD drive, Win 10
- 6 GB available in D:\ directory

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### ON-BOARD PC OPTIONS

#### Optional devices

- LED Display, keyboard and mouse can be attached to the on-board PC
- Not supplied by Matica, should be ordered separately
  - Win 10 compatible devices only, under user's responsibility
  - XID -INterface back panel connectors
    - 1 x HDMI port
    - 2 x USB ports
- Higher SSD drive capacity, upon request, projects only (factory mounted )
- Up to 256 GB

### CONSUMABLES

#### Card specifications

ISO CR80, ISO 7810 (53,98 mm x 85,60 mm, 3.370" 2.125")  
 Card material: PVC and composite PVC, PET-G, PC  
 Card thickness: 0.25 to 1.0 mm (10 to 40 mil), 0,76 mm (30 mil) recommended

#### Ribbon types

- Automatic recognition by RFID tag  
 Ribbons transfer films (ART series)
- YMCK: 1,000 prints
  - YMCK UV: 750 prints
  - YMCK PO: 750 prints
  - YMCKK: 750 prints
  - Transfer film: 1,000 prints

### PERFORMANCE & THROUGHPUT

#### Parallel operation

- XID9300e best performances are obtained when processing feeding/encoding, printing and lamination in parallel:
- Up to 3 personalizations process in one unit at a time
  - Maximum throuput strongly depends on encoding factors

#### Printing module

Single sided YMCK: 29 sec per card



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### MISCELLANEOUS

#### Warranty

Printer, FEM and XID-INT modules: 36 months or 100,000 prints (whichever comes first)  
 Printing head: unlimited  
 (subject to cleaning cycle and operating environment conditions observance)

#### Size and weight

XID9600e base model (XID, XID-INT, FEM)

- (W x H x D): 593 x 375 x 432 mm (23.35" x 14.77" x 17.00")
- 30.1 kg (66.36 lbs)
- Shipped separately

#### FEM option

- (W x H x D): 170 x 375 x 432 mm (6.70" x 14.77" x 17.00")
- 12 kg (26.45 lbs)

#### ILM-LS or ILM-DS option

- (W x H x D): 210 x 360 x 326 mm (8.27" x 14.17" x 12.83")
- ILM-LS: 8.1 kg (17.86 lbs); ILM-DS: 9.0 kg (19.84 lbs)

#### Certifications

RoHS  
 CE, UL (pending)

#### Operating conditions

Min/max operating temperature: +15°/ +30 °C (humidity: 35% to 60%)  
 non-condensing  
 Min/max storage temperature: –15 °/ +55 °C (humidity: 20% to 80%)  
 non -condensing

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