

Laser engraving system Ixla XPevo for Passport personalization





Passport personalization laser system Ixla XPevo

Compact high performance air cooled table top Laser Engraving System for ICAO complying passports with Polycarbonate data page. High image and text quality and MLI functionality

Online RFID chip encoding. Integrated camera system for precise positioning of demographic data against preprinted captions.

Laser engraving offers the best protection available against counterfeit ID and fraud.

Features

- Quality and precision with high engraving speed
- Laser engraving of Polycarbonate data page
- Air Cooled DPSS Laser Source
- Vector and Raster Graphics (up to 1600 dpi)
- Throughput: less than 60 seconds for complete personalized data page
- Highly durable and forgery-proofed documents
- Low energy consumption
- Low maintenance laser technology
- No consumables
- LAN and USB 2.0 interface
- Embedded PC Advantech UNO-2170-C11E
- Complete software suite for users and developers
- MLI or CLI engraving

Options

- RFID module
- Internal Barcode reader
- Auto positioning XY camera system
- OCR, OCV vision system
- Intergrated Air-Vacuum with active-carbon filter



Technical data

MCBF	1.000.000 documents
Interface	USB 2.0.and LAN Ethernet
Troughtput	60 Documents Hour (picture, test, signature)
Temperature Operation	+ 5 °C - + 40 °C
Temperature Storage	- 20 °C - +55 °C
Relative Humidity Operation	at 25 °C - 80 % RH (not condensed)
Relative Humidity Storage	at 25 °C - 90 % RH (not condensed)
Dimension	500 x 470 x 420 mm (L x W x H)
Weight	52 kg net
Electric Specification	110/230 VAC ± 15%, 50 – 60 Hz; 650 VA

Embedded PC Advantech UNO-2170-C11E	
CPU	Up to Celeron-M 1GHz Ultra low-voltage version
Memory	512 MB DDR on board
Battery-backup RAM:	512 KB Battery-backup RAM
Serial Ports:	2 x RS-232 and 2 x RS-232/422/485 with DB-9 connectors. Automatic RS-485 data flow control. Serial Speeds: RS-232: 50~115.2 kbps, RS-422/485: 50~921.6 kbps
LAN	Two 10/100 Base-T RJ-45 Ports
USB interface	Two USB ports, USB UHCI
PC Card	One PC Card slot. Supports CardBus (Card-32) Card and 16-bit (PCMCIA 2.1/JEIDA4.2) Card. Supports +5 V, +3.3 V and +12 V @ 120 mA working power
SSD:	One internal Type I / Type II CompactFlash card slot
PC/104	Two PC/104 Extension. (Optional)
HDD	HDD extension kit for installation of one standard 2.5" HDD
Anti-Vibration	2 Grms w/CF @IEC 68 section 2-64, random, 5 ~ 500Hz, 1 Oct./min, 1 hr/axis.0.5 Grms w/ HDD @ IEC 68 section 2-64, random, 5 ~ 500 Hz, 1 Oct./min, 1 hr/axis
Power supply	9 ~ 36 VDC
Power consumption	Max. 35 W
Operating temperature	-10 ~ 50°C (14 ~ 122°F) @ 5 ~ 85% relative humidity
Relative humidity	95% @ 40°C
Operating System	Windows XP Embedded
Storage	- 1GB CompactFlash 5000 industrial grade - 4GB IDE flash disk model Transcend TS4GIFD25



Security Printing Consulting AG

Büelrebenstr. 10, CH-8185 Winkel-Rüti, Switzerland

Tel. + 41 44 860 22 33 e-mail: info@sp-consulting.ch

Fax. + 41 44 860 26 16 web: www.sp-consulting.ch

