

PersoLaser

Hawk

- Smart Card Laser Personalisation Machine
- ID, Banking & SIM Card Applications
- Centralized and Decentralized Topology
- HSM Connection for Secure Communication

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EuroGraph G.m.b.H.

Laser Engine

Type of Laser	Diode Laser
Laser Power	3 W (20 W optional)
Laser Wavelength	IR-1064 nm
Resolution	1200 dpi
Engraving Mode	Single side
Laser Life Time	10,000 hr (100,000 hr optional)

Throughputs

Card Feeding	Manual
Maximum Speed	60cph (base on data size)
Repeated Positioning	± 500 micron
Card Input Feeder	Single card manual

Card

Card Thickness	800±40 mic (ISO7816)
Card Size	ID1 (53.98 x 85.60 mm)
Card Material	PVC, Laserable PVC, PC, Metal, Wood

System Properties

Image Area	82x50 mm
Minimum Character	6 pt, 2 pt (Laserable subs.)
Cooling Methode	By Air
Display	LCD (Optional)
Reject Bin	No
Operating System	Windows 10
Interface	USB3
Flipper Unit	no
Vision QC Unit	Optional
Provision for External Air Filter Device	Optional
Software	Standalone or SDK
Contactless Module or Contact	ISO 14443 (Type A/B), Mifare, DESFire, iCLASS ISO 18092 (NFC) or ISO 7816 (Optional)
Magnetic Module	ISO 7810, ISO 7811, ISO 7812, ISO 7813, ISO 8583 ISO 4909 (Read & Write Track 1, 2, 3 HiCo)
Machine Weight	15 kg (approx.)
dimension W x L x H	L: 30/W: 43/H: 46 (cm)
Power Consumptions	2.2 KW
Minimum Line-Width	20 mic

Security

Logical lock	Yes
Laser Safety	Class-IV

Environmental Condition

Room Temperature	15 - 25 °C
Room Humidity	%20 - %75
Power Supply	Single Phase 220 VAC (Used with Stablizer or UPS)



Lagwiesenweg 2
60437 Frankfurt am Main
Germany
www.euro-graph.de
info@euro-graph.de
Tel: +49 69 663 89 202