

HID® ELEMENT Laser Engraver System

FEATURES	
Dual-Sided Marking	Standard
Warranty	Laser diode: 24 months All other system components: 12 months
LASER ENGRAVER CHARACTERISTICS	
Laser Type	3W (standard) or 8W (optional) air cooled DPSS laser
Card Material Types	Polycarbonate (PC) recommended
Laser Personalization Types	Sub-surface and tactile laser engraving, microtext, MLI/CLI (optional)
Laser Graphics Capability	True Grayscale
Communication Interface	Ethernet LAN (laser system) / USB 2.0 (encoders)
Registration Capability	Camera Registration System (optional)
Laser Resolution	600 DPI
Laser Speed	Up to 300 cards per hour depending on amount of laser marking
Dimensions (laser engraver/one input/one output)	21.0" H x 25.0" W x 21.5" D (533mmH x 635mmW x 546mmD)
Weight (laser engraver/one input/one output)	90 lbs / 41.0 kg
Power Input	100-240 VAC, 9.0 A MAX, 50 Hz - 60 Hz
Operating Environment	60°F to 90°F (15°C to 32°C), 20% to 80% non-condensing humidity
Certifications	CLASS 1 LASER PRODUCT, UL, CE, FCC Class-A
SYSTEM SECURITY STANDARDS	
Locking Card Input Hopper	Yes
Locking Card Output Stacker	Yes
Lockable Laser Housing	Yes
SYSTEM COMMUNICATION STANDARDS	
Supported Software Drivers	Windows® 7 / 10 / Server 2008 R2 / Server 2012 R2 / Server 2016
CARD STANDARDS	
Card Size	CR-80 only
Card Input Capacity (1 Hopper)	400 cards (.030" / .762mm)
Multiple Input Hopper/Output Stacker Capability	Yes, up to 4 input and output modules (for a total capacity of up to 1600 cards)
Card Output Capacity (1 Stacker)	400 cards (.030" / .762mm)
Card Thickness	.030" (30 mil) / .762mm
Card Cleaning Station	Yes
OPTIONS	
ISO Magnetic Encoding	Yes
Contact Smart Card Encoding	Yes
Contactless Smart Card Encoding	Yes
MLI	Yes
CLI	Yes
Combine with Color UV Printing	Yes
Camera Registration System	Yes
8W laser (for faster laser marking capability)	Yes



hidglobal.com

North America: +1 512 776 9000
Toll Free: 1 800 237 7769
Europe, Middle East, Africa: +44 1440 714 850
Asia Pacific: +852 3160 9800
Latin America: +52 55 9171 1108

© 2020 HID Global Corporation. All rights reserved. HID, the HID logo, the HID Blue Brick logo and the Chain Design are trademarks or registered trademarks of HID Global in the U.S. and/or other countries. All other trademarks, service marks and product or service names are trademarks or registered trademarks of their respective owners.
2020-10-19-si-hid-element-le-spec-en PLT-04914

An ASSA ABLOY Group brand

ASSA ABLOY