

The World's Lightest Laser Marker for ID Cards / Energy Conservation

Weight: $\leq 15\text{kg}$
Power Consumption: 90W
Front operation



- 01 Adopted the New Oscillation Method (Patented)**
To achieve high speed marking, IDL-A laser engine which has a proven track record in Japan is loaded.
- 02 Provide Highly Secured ID Cards**
Using laser beams can make ID cards be highly secured for counterfeits.
- 03 Cost Performance**
Consumables are cards only. No inks or ink ribbons required. Realize high cost performance.
- 04 Simple Mechanism Design**
The world's lightest and smallest on the market of less than or equal to 15kg laser marking apparatus.
(based on our survey)
- 05 Newly Developed Original Laser Control PCB**
SDK provision and IDLGMarkCS, the simple application which is specialized in card marking.
- 06 Energy Saving**
Energy saving design achieves less than 90W.
- 07 Price Reduction**
By reviewing the functions and simplifying the structure, lower price is achieved.

IDL-K10

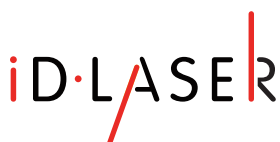
| Items | Specifications |
|-----------------------|--|
| Marking Method | Direct marking on cards by laser beam |
| Laser Type | Fiber laser |
| Laser Wavelength | 1064nm |
| Laser Output | 2.2W |
| Response Frequency | 10-60KHz |
| Cooling System | Air cooling |
| Card Type | ISO CR-80-ISO 810 (JIS X6801) Plastic card |
| Card Size | ID-1 85.6mm×54.0mm Thickness 0.76mm |
| Marking Resolution | More than or equal to 600dpi |
| Marking Time | 30 seconds (using our standard pattern) |
| Functions | Micro characters, 2D codes such as QR code, etc. |
| Operating Environment | Temperature 15°C-30°C Humidity 20-80% (Required no condensation) Recommended temperature 20-25°C |
| Dimensions | Width 245mm Height 376mm Depth 411mm |
| Weight | 15kg |
| Interface | USB 2.0 |
| Power Supply | AC adaptor AC100V to 240V 50Hz/60Hz 90W |
| Consumables | Laser compatible cards |
| Environment | RoHS |
| Laser Safety | Class 1 (IEC60825 - 1:2014 class1) |

The marking software comes with IDLG Mark CS.

Please contact us for SDK etc.

In Japan, conforms to the Electrical Appliance and Material Safety Law.

Contact



ID Laser Corporation R&D CENTER
3-12-18, kamiaoki, Kawaguchi-shi, Saitama, 333-0844, Japan
Saitama Industrial Technology Center Laboratory 552
TEL: +81-48-211-0660 <http://www.id-laser.co.jp/en/index.html>
info@id-laser.co.jp