iD·LASER

IDL-K10

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

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.

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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℃-30℃　Humidity 20-80% (Required no condensation) Recommended temperature 20-25℃
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

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