

## *Fiber Laser Marker Selling Point*

» High Speed Marking

» Transmission Fiberless

» Compact / Energy-saving

» Systemization Support



- 01 Equipped High Speed Laser Engine (MOPA Method Fiber Laser 20W)**  
For achieving high speed marking, MOPA laser is adopted.
- 02 Newly Developed Original Laser Control PCB**  
IDLGMarkCS the simple application specialized in card marking and SDK provision.
- 03 High Cost Performance**  
Laser optics, mechanics, and electronics are all reviewed to lower price.
- 04 High Image Quality**  
Our original software achieves photo quality (dot gradation).
- 05 Energy Saving**  
120W or less by energy saving design. (AC adaptor 120W)
- 06 Achieved Fiberless Transmission**  
Eliminating the transmission fiber from the laser head and connecting to the main unit by a normal harness.

# IDL-21CE

Items	Specifications
Marking Method	Direct marking on cards by laser beam
Laser Type	MOPA fiber laser
Laser Wavelength	1064nm
Laser Output	20W
Response Frequency	10-4000KHz
Cooling System	Air cooling
Feature	Micro characters, two-dimensional codes such as QR code
Operating Environment	Temperature 15°C-30°C Humidity 20-80% (No Condensation)
Dimensions	Width 150mm Height 120mm Depth 420mm (Head) Width 208mm Height 150mm Depth 350mm (Controller Box)
Weight	Head 6.8kg Controller Box 5.0kg Accessories 2.5kg
Interface	USB 2.0
Power Supply	AC adaptor AC100V/240V 50Hz/60Hz 120W
Attached lens	163mm(WD184mm±2%) Scan filed 112×112mm
Safety	Electrical Appliance and Material Safety Act / CE Marking / DEMKO
Laser Safety	Class 4

The marking software comes with IDLG Mark CS.  
Please contact us for SDK etc.  
CE Marking and DEMKO will be acquired in 2024



IDLGMarkCS marking application



Marking on metal is also possible

## Contact



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