- Quad-core processor, high performance and low power consumption
- Brand new USB3.0 port for unlimited expansion
- Real-time gigabit link, marking can be remote
- Marking full file coverage, delicate and efficient

High-end chips showing the new space

嵌入式激光智慧扫描系统

EMBEDDED LASER INTELLIGENT SCANNING SYSTEM

System Features

① Powerful gigabit, ultra-high performance hardware

Amlogic S905X3 quad-core Cortex-A55 (2.0xxGHz) processor, 4GB LPDDR4 and 16G eMMC onboard storage, 4 USB 3.0 ports, 1 Gigabit Ethernet port, ARM is responsible for graphics data processing, FPGA is responsible for point interpolation and data correction algorithms, as well as galvo head and laser control.

② Linux software system, laser control integration

It can carry out secondary development through the network port or serial port (USB to 232), and transmit simple parameter instructions to realize the laser control system integration of complex systems.

③ IO control, remotely activate marking

Supports control of XY2-100 protocol galvo heads, fiber lasers such as IPG, JPT, and CO2 lasers as well as UV laser.

④ Highly integrated system, network port remote login

Provide a remote login tool, which can remotely log in to the graphical operation interface to control functions such as marking

⑤ Smartphone APP is more convenient and faster

Provide a complete secondary development protocol (modification of graphics, galvo heads, laser and other parameters)

Supply of accessories

Portable handheld fiber laser marking machines, a full range of product accessories supply, easy to solve your various customization needs.

① Hand-held marking machine control system

② Power adapter

③ Drive control module

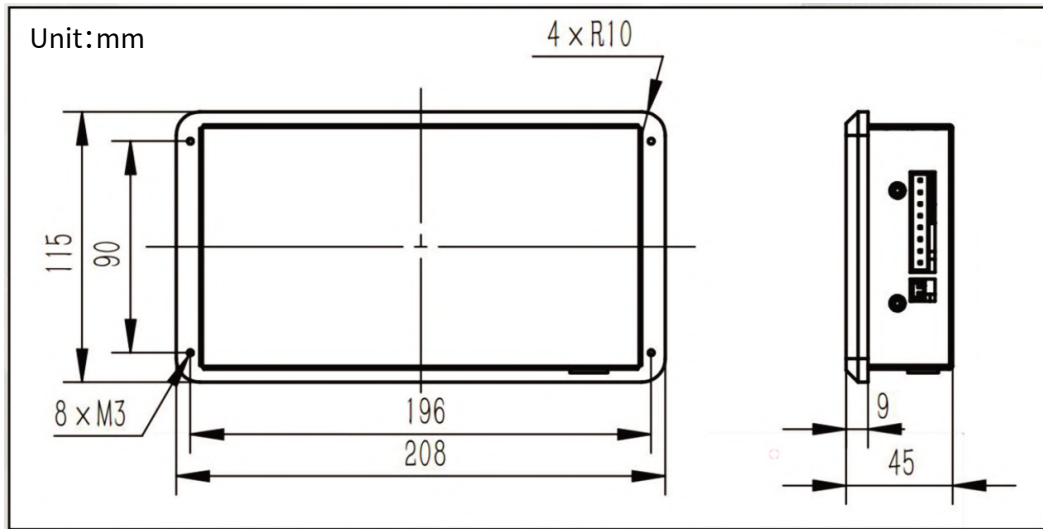④ Galvo heads motor (with driver)

⑤ F-Theta lens

⑥ Focus cover(100*100,160*160mm)
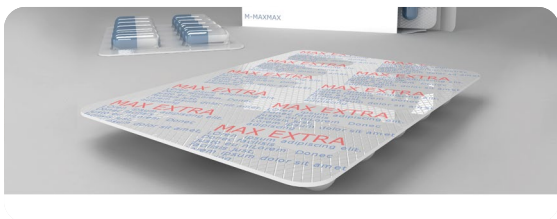
⑦ Handle shell

Structural Parameters

Unit:mm

4 × R10

115
90

8 × M3

196
208

9
45

Application Area

① **Industrial control**

② **Aerospace**

③ **Medical industry**

④ **Optical scanning**

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⑤ **Communication**

⑥ **Food packaging**