

JAKA All-in-one Cobots

New Generation Tri-co Cobot Renew the cobot design principles by JAKA S³ Smart, Simple, Small



Product Description

JAKA All-in-one Cobots innovatively adopting the product design principles of JAKA S³ (Smart, Simple, Small), and integrating with advanced robot technologies such as wireless teaching, graphical programming and visual protection, it revolutionizes the way of Human-Cobot interaction, improves the safety of human-machine cooperation and greatly reduces the threshold of robots using. Meanwhile, JAKA All-in-one Cobots deeply integrates plug-and-play vision to ensure the natural interaction and autonomous adaptation among cobot, human and operating environment, which significantly broadens the application boundary of robot.





Product Innovation

- Smart: Intelligent Programming and Active Protection. Intelligent learning algorithm and autonomous system can identify the intent of a person or other device.
- Simple: Benefit from Vision & Force Control, Robot Self-learning, Ai and other technologies, JAKA All-in-one Cobots can interact with human naturally, so as to realize Human-COBOT cooperation.
- Small: The development of intelligent product form is highly integrated, flexible and small. With the benefits of All-in-one technologies, such as Biology, Mechanics, Electronics and Photics, achieve the ultimate compact intelligent hardware product form.

Parameter Of Electrical Cabinet

Device	JAKA MiniCab
Vin	DC30~60V
lout	≤40A
Size	180×128×47 (mm) (L×W×H)
IP Level	IP20
I/O	7 Digital input: I/O configurable
I/O Power	DC24V
Fixed Form	Panel/Guide Rail
Interface	TCP/IP, Modbus TCP, Modbus RTU
Weight	About 1.1 kg
Material	AL, Steel

Parameter Of Lens 2D

Size	67×57×45mm(LxWxH)
Communication Interface	Ethernet Interfaces (TCP/IP Protocol)
Trigger Mode	Soft trigger
РХ	500w
Resolution	2592(H)×1944(V)
FPS	14FPS
Focus	8mm

Recommend Applications

JAKA All-in-on Cobots can be widely applied in smart industry production lines of automobile and relatives industries, medical instruments, 3C electronic, lithium electricity, food, chemical fiber, service and other industries. JAKA All-in-one Cobots can be used to realize intelligent automation requirements and secure Human-COBOT in industrial and life scenarios such as high-precision assembly applications in automobile industry, multi-directional Human-COBOT collaboration in medical care industry, and new business models in service field. Meanwhile, the combination of JAKA All-in-one Cobots and AGV has a wider range of applications and richer functions.



Shanghai JAKA Robotics Ltd

Address:Room 201, Building 3,No.555 Dongchuan Rd, Shanghai,China Tel:**400-006-2665** Email:marketing@jaka.c Web:www.jaka.com

