

# Empowering Automation with AUBO Collaborative Robots



## EASY

- No programming skills needed
- Teach by hand-guiding
- Quick adjustments to changes

## SAFE & RELIABLE

- Safety fence not mandatory
- Protective stop for collisions
- Stopping distance <1mm
- High Process Stability & Quality
- Process Monitoring

## FLEXIBLE

- Integrate into environment
- Adjust to different products
- Easy to relocate
- Scalable

## AFFORDABLE

- State-of-the-Art technology with best ROI
- Low cost of ownership
- Financing models available



# Product Specifications Overview



Robot				
Model	i3	i5	i10	i16
Payload [kg]	3	5	10	16
Offset with max. Payload	≤180 mm	≤280 mm	≤220 mm	≤220 mm
Repeatability [mm]	±0.05	±0.05	±0.1	±0.1
Reach [mm]	625	886.5	1350	967.5
Linear Velocity [m/s]	≤1.9	≤4.0	≤4.0	≤4.0
Weight [kg]	16	24	38.5	38
Dimensions [mm]	832 x 266 x 140	1060 x 323 x 170	1562 x 418 x 170	1183 x 420 x 218
Average Power [W]	150	400	500	600
Peak Power [W]	600	2000	2000	2000

All Models	
Degrees of Freedom	6
Working Range	±175°
Ambient Temperature [°C]	0-50
Ambient Humidity [%]	25-90
Installation Orientation	Any
IP Classification	IP54

Control Box	
Model	AUBO-CB-M
Dimensions [mm]	380 x 350 x 265
Weight [kg]	15
Cable Connecting the Robot	5m
Cable Connecting the Teach Pendant	4m
Communication	Ethernet/Modbus-RTU/TCP
Interface	SDK [Support C/C++/Lua/Python], Support ROS, API
Power Supply	100-240VAC, 50-60Hz
IP Classification	IP43

I/O Port	
Digital In	16 [general] / 16 [safe]
Digital Out	16 [general] / 16 [safe]
Analog In	4
Analog Out	4
I/O Power	
Output Voltage [V]	24
Output Current [A]	3 max



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## AUBO COBOT BENEFITS

- Best Cost-Performance-Ratio
- Low Cost of Ownership
- High Reliability
- Low Maintenance Cost
- Continuous Development
- Free Soft-/Firmware Updates
- Free Simulation Software

## FEATURES

- Collaborative Function
- Safety Functions
- Ready-to-Use Applications
- Guide-to-Teach by Hand
- Linkage Mode
- Digital & Analog I/O
- Ethernet/Modbus-RTU/TCP

## CONTACT US



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