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强强联手

配天

Kinco 6 axis Robot



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工业机器人

INDUSTRIAL ROBOT

更先进、更精准、更安全的工业机器人

The more advanced, more precise and safer industrial robots





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机器人控制系统

ROBOT CONTROL SYSTEM





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伺服驱动

SERVO DRIVE



AE5000 系列伺服驱动器是配天隆重推出的高性能伺服电机控制系统，采用 SVPWM 控制技术和 ARM + FPGA 系统架构，具有高可靠性、高动态响应、高控制精度的特点。该系列产品广泛应用于工业机器人、数控机床、自动化专机设备等应用场合。

The company grandly launches its high-performance industrial products, AE5000 series servo drives, adopting the SVPWM control technology and ARM + FPGA system architecture, with the characteristics of high reliability, high dynamic response and high control precision. The series of products are widely used in the industrial robots, CNC machine tools, automation plane equipment and other applications.

通用伺服驱动器 (AE5110 系列)

- 0.4kw/220v
- 1.0kw/220v
- 1.5kw/220v
- 3.0kw/220v

RTEX 总线驱动器 (AE5111 系列)

- 0.4kw/220v
- 1.0kw/220v
- 1.5kw/220v
- 3.0kw/220v

Universal Servo Drive (AE5110 Series)

- 0.4kw/220v
- 1.0kw/220v
- 1.5kw/220v
- 3.0kw/220v

RTEX BUS Servo Drive (AE5111 Series)

- 0.4kw/220v
- 1.0kw/220v
- 1.5kw/220v
- 3.0kw/220v



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AE5110/AE5111 Series		2R8A1B	7R6A1B	120A1B	200A1B
最大适用电机容量 Suitable for Max. motor capacity	KW	0.4	1	1.5	3
额定电流 Rated Current	A	2.8	7.6	11.6	19.6
最大电流 Max. Current	A	9.3	18	28	56
主电路电源 Power Supply for the Principal Circuit	RST	单相 / 三相 220V Single-phase/Three-phase 220V	单相 / 三相 220V Single-phase/Three-phase 220V	三相 220V Three-phase 220V	三相 220V Three-phase 220V
控制电源 Power Supply for the Control Circuit	LN	单相 220V Single-phase 220V	单相 220V Single-phase 220V	单相 220V Single-phase 220V	单相 220V Single-phase 220V



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伺服电机

SERVO MOTOR



AE1000 系列交流伺服电机具有高功率密度性能和电磁性能优势，采用配天自主知识产权的独特电机结构设计技术，各项性能指标均达到国际先进水平。该系列电机广泛应用于工业机器人、数控机床、包装机械、印刷机械及其它自动化生产线等领域。

AE1000 series AC servo motors have the advantages in high power density performance and electromagnetic performance, which adopt unique motor structure design technology with independent intellectual property rights owned by the company, and various performance indexes have reached the international advanced level. This series of motors are widely used in industrial robots, CNC machine tools, packaging machinery, printing machinery, and other automated production lines.

伺服电机	AC220V								
额定输出 Rated Output	KW	0.1	0.2	0.4	0.75	1.0	1.3	1.8	2.9
额定扭矩 Rated Torque [瞬时最大扭矩 Instantaneous Peak Torque]	N.m	0.318 [0.955]	0.637 [1.91]	1.27 [3.82]	2.39 [7.16]	3.18 [7.4]	8.34 [23.3]	11.5 [28.7]	18.6 [45.1]
额定电流 Rated Current [瞬时最大电流 Instantaneous Max. Current]	A	0.84 [2.9]	2.1 [6.5]	2.8 [8.5]	4.4 [13.4]	5.5 [13.4]	10.7 [28]	16.7 [42]	23.8 [56]
额定转速 Rated speed [最高转速 Max.Speed]	RPM	3000 [5000]			3000 [4000]		1500 [3000]		
转动惯量 Rotor Moment of Inertia [加制动器 With Brake]	kg.m ² × 10 ⁻⁴	0.063 [0.092]	0.181 [0.271]	0.322 [0.412]	0.730 [1.015]	0.996 [1.185]	19.92 [22.02]	19.92 [22.02]	44.767 [51.494]
反馈元件 Feedback Component	5000/2500 线增量式编码器，17/20 位绝对值编码器 2500/5000 PPR Incremental Encoder, 17/20 bits Absolute Encoder								
电机重量 Weight [加制动器 With Brake]	KG	0.52 [0.78]	1.13 [1.56]	1.65 [2.08]	2.89 [3.32]	3.8 [4.23]	9.08 [10.2]	9.38 [10.5]	13.5 [19.5]



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数控系统

CNC SYSTEM



AE6100



AE8100

配天数控系统可靠性高，性能强劲，保证生产作业中运动控制的精确性和稳定性，适应于全系列车床、钻、镗、雕铣、加工中心控制器。

Has being strictly tested over a prolonged period of time in industrial field, the accuracy and stability of A&E CNC systems have been proved. The applications of CNC system have covered full range of controllers for lathes, drilling, boring, engraving and milling machines, machining center and so on.

- AE6100
- AE8100

- AE6100
- AE8100



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机器视觉

MACHINE VISION



ARVS1000 是一款通用机器视觉平台软件。该系统有 120 余项高效、高精、高鲁棒性的工具，可满足引导、定位、检测、测量等全线应用需求。可广泛应用于工业机器人、汽车、半导体、电子产品、食品和饮料、制药、日化品、包装、物流、印刷、医疗设备、玻璃、金属等行业。该产品荣获 2015 高工机器人机器视觉类产品全球奖。

ARVS1000 is a generic visual processing software platform, with over 120 visual tools of high efficiency, high precision and high robustness, which could meet all the needs of the manufacturing lines, such as guidance, positioning, inspection and measurement. The software can be widely used in various aspects of industrial robots, vehicles, semiconductors, electronics, food and beverage, pharmacy, daily chemicals, packaging, logistics, printing, medical facilities, glass and metal.





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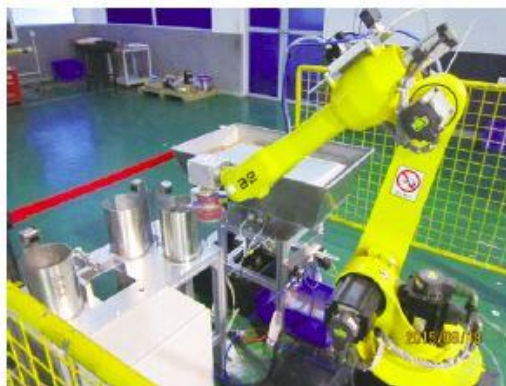
手机外壳预热——注塑——上下料工作站
Robot loading & unloading cell for
injection molding machine



冰箱外壳折弯下料工作站
Robot unloading cell in the refrigerator
casing bending site



电脑外壳打磨抛光工作站
Robot grinding & polishing for laptop casing



机器人应用于玻璃切割机上下玻璃料
Robot used in the loading & unloading cell for
glass panels





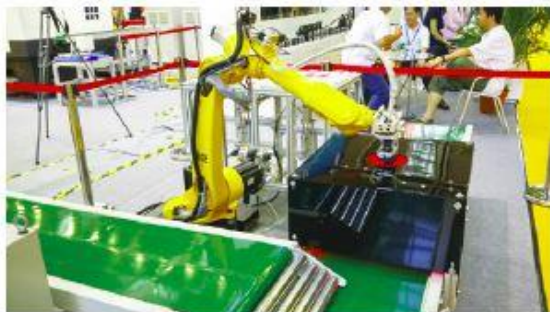
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机器人在视觉引导下快速分拣

Rapid sorting by vision guided robot



机器人工件打磨

Robot polishing aluminum alloy parts



机器人应用于手机部件激光加工

Robot used in laser processing of mobile components



压铸机上下料柔性单元

Robot loading & unloading cell for die-casting machine





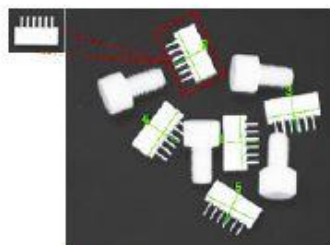
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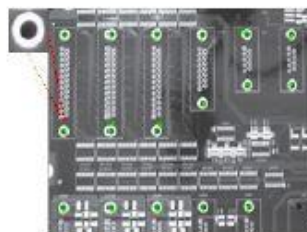
配天

丰富的视觉工具箱

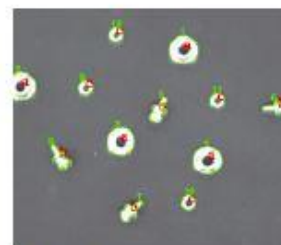
A rich set of visual processing tools



几何匹配
Geometric Matching



灰度匹配
Gray-level Matching



Blob 提取
Blob Extraction



条码识别
Barcode Recognition



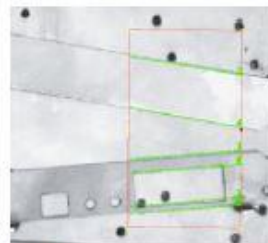
二维码识别
QR Codes Recognition



缺陷检测
Flaw Detection



找圆
Circle Finding



找线
Lines Finding



测量
Measurement



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服务内容

- 方案咨询
- 方案提供
- 安装调试
- 售后服务
- 定期保养
- 终身维护

SERVICE CONTENT

- Solutions Consulting
- Solutions Providing
- Installation and debugging
- After-sales Service
- Regular maintenance
- Lifelong maintenance



服务承诺

接到电话后 24 小时内受理

SERVICE COMMITMENT

Respond within 24 hours.





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培训内容

配天机器人系统安全培训
配天机器人编程语言初级培训
配天机器人编程语言高级培训
配天机器人的示教编程及操作培训
配天机器人的故障处理与维护培训

TRAINING CONTENTS

AE robots System safety training
AE robots Programming language primary training
AE robots Programming language advance training
AE robots Teaching-programming & operation training
AE robots Troubleshooting & maintenance training



培训方式

标准课程
定制培训
课堂讲授 + 操作编程实践

TRAINING MODE

Standard courses
Tailored courses
Classroom teaching + programming practice





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Thank You