CERTIFICATE OF COMPLIANCE

Certificate Number: **SGSNA/25/GZ/00467X**

Contract Number: 802145
Certificate Project Number: GZ-CERT251004328

Certified Product: Industrial Robot
Trademarks: INOVANCE
Model(s): See Page 2-3
Technical Data: IRCB500-6MD(*), IRCB500-6ND(*), IRCB500-6ND(*)-INT, IRCB501-6ND(*)-INT and IRCB501-6ND(*)
1PH; AC 220-240V FLC: 23A; 50/60Hz; SCCR: 5kA

Certificate Holder: Suzhou Inovance Technology Co., Ltd.
No. 52, Tian E Dang Road, Wuzhong District, 215104, Suzhou City, Jiangsu Province, China

This certificate supercedes previous certificates issued with the same certificate number. Certification is valid when products are indicated on the SGS directory of certified products at www.sgs.com or using the QR code below. The product is certified according to ISO/IEC Guide 17067, Conformity assessment - Fundamentals of product certification, System 3, and in accordance with:

UL 1740 4th Edition, Revised August 11, 2023
NFPA 79-2024, Dated December 21, 2023
CAN/CSA Z434-14 (R2019), Reaffirmed 2019

Certification Condition

The final compliance to this robot needed re-evaluation at final install site considering guard fence which will be supplied by integrator to prevent accessing to hazard moving part. Equipment is designed to work at mains power supply 220 ~ 240VAC, manufacture declared that will set additional transformer on felid to match local building power supply.

Authorized by: Effective date: 05 February 2026

Jason Wei
Certifier

SGS operates certification programs under the authority of several accreditation or recognition bodies including A2LA, ANAB, OSHA NRTL, and Standards Council of Canada. This certificate is issued by the company under its General Conditions for Certification Services accessible at https://www.sgs.com/en/terms-and-conditions. Attention is drawn to the limitations of liability defined therein and in the Test Report here above mentioned which findings are reflected in this Certificate. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Certification Body

Connectivity & Products, a division of SGS North America Inc.
620 Old Peachtree Road, Ste. 100, Suwanee, GA 30024, USA
t +1 770 570 1800 f +1 770 277 1240 www.sgs.com

CERTIFICATE OF COMPLIANCE

Certificate Number: **SGSNA/25/GZ/00467X**

Contract Number: 802145
Certificate Project Number: GZ-CERT251004328

Model(s): IR-R10-140Sc-B1(*), IR-R10-200Sc-B1(*), IR-R20-aSc-B1(*), IRGF-R10-200Sc-B1(*), IRGF-R20-170Sc-B1(*), IRGF-R10-200Sc-B1-01(*), IRS311-3-60TSc-B1(*), IRS311-7-aTSc-B1(*), IRS311-7-90TSc-GJ-B1(*), IR-R4-56Sc-B2(*), IR-R4H-54Sc-B2(*), IR-R7-aSc-B2(*), IR-R10-110Sc-B2(*), IR-R11-90Sc-B2(*), IR-R4-56Cc-B2(*), IR-R4H-54Cc-B2(*), IR-R7-aCc-B2(*), IR-R10-110Cc-B2(*), IR-R11-90Cc-B2(*), IR-R35-acd (*), IR-R10-acd(*)-INT, IR-R12-140cd(*)-INT, IR-R13-140cd(*)-INT, IR-R15-145cd(*)-INT, IR-R15H-145cd(*)-INT, IR-R16-acd(*)-INT, IR-R15-145S(*)-INT, IR-R20-acd(*)-INT, IR-R25-acd(*)-INT, IRGF-R10-acd(*)-INT, IRGF-R20-acd(*)-INT, IR-R35-acd(*)-INT,IR-CR10-acd(*)-INT, IR-CR12-140cd(*)-INT, IR-CR13-140cd(*)-INT, IR-CR15-145cd(*)-INT, IR-CR15H-145cd(*)-INT, IR-CR16-acd(*)-INT, IR-R16-210cd(*)-INT, IR-CR20-acd(*)-INT, IR-CR20H-acd(*)-INT, IR-R20H-acd(*)-INT, IR-CR25-acd(*)-INT, IR-R20H-120S(*)-INT, IR-R25-178S(*)-INT, IRS311-3-60TSd(*)-INT, IRS311-7-aTSd(*)-INT, IR-R4-acd(*)-INT, IR-R4H-54cd(*)-INT, IR-R4H-54S-X20-INT, IR-R7-acd(*)-INT, IR-R7H-acd(*)-INT, IR-R7H-90S-DP40-INT, IR-R7H-90S-DP20-INT, IR-R7H-90S-X25-INT, IR-R7H-90S-CC25-INT, IR-R10-acd(*)-INT, IR-R10H-acd(*)-INT, IR-R11-90cd(*)-INT, IR-CR4-acd(*)-INT, IR-CR4H-54cd(*)-INT, IR-CR7-acd(*)-INT, IR-CR7H-acd(*)-INT, IR-CR10-acd(*)-INT, IR-CR10H-acd(*)-INT, IR-CR11-90cd(*)-INT

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Model(s):

‘a’ stand for the Manipulator length; special: 54 stands for 54.5cm.
‘b’ should be 10-60 for the length of the 3-axis lead screw.
‘c’ should be the installation environment, C: clean, S: standard, P: high protection, F: die casting, WS: wall+ standard, WC: wall+clean, WP: wall+ high protection, EX: explosionproof. US: upside-down+ standard, UP: upside-down+ high protection, UC: upside-down + clean, HO: Hygienic Oil.
(For industrial robot paired with IRCB500 series control cabinets ‘c’ Indicates the length of the towing cable, which should be 3-20 representing standard cables or G3-G20 representing highly flexible cables or blank.)
‘d’ Indicates the length of the towing cable, which should be 3-20 representing standard cables or G3-G20 representing highly flexible cables or blank.
‘(*)’ may include a suffix “XXXXXXXXXX”, Where “XXXXXXXXXX” can be blank or combination of any alphanumeric and/or symbols that represents customer identity.
‘-INT’ is optional, the models with ‘-INT’ have additional STO functions.
Additional:
Pendant Models: IRTP80-Le (*), IRTP81-Le (*), IR-TP200-Le (*)
‘e’ should be 3-30 or blank for the towing cable information.
‘(*)’ may include a suffix “XXXXXXXXXX”, Where “XXXXXXXXXX” can be blank or combination of any alphanumeric and/or symbols that represents customer identity.
Expansion Board Models: IRCB501-2ENID-BD, IRCB501-1600END-BD, IRCB501-0016ETND-BD, IRCB501-FS-01-BD, IRCB501-2PN-BD, IRCB501-6LDI3-BD. All models are in the same theory in motion and control, only difference at product name, model number, manipulator length and power/payload.

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