Robotina d.o.o.
OIC Hrpelje 38
SI-6240 Kozina
Slovenia

1. HIQ Hospitality Components

1.1. HIQ controllers

component	description	order code	status
Master controller	230 VAC, 11 IO, Enocean, 2 × RS232, RS485, IEX2 terminals	MC-230-01	request
	230 VAC, 11 IO, 2 × RS232, RS485, IEX2 terminals	MC-230-02	available
	230 VAC, 11 IO, 2 × RS232, isolated RS485, IEX2 terminals	MC-230-04	available
	24 VDC, 26 IO,2 × RS232	MC-24-05	available
	Hotel Room Controller 24 V DC	MC-24-H1	new
	230 V AC, 14 IO, RS485, 2 Wiegand	MC-230-W	available

1.2. IEX Modules DIN rail

component	description	order code	status
Light controller	10 high power relay-controlled outputs	LC-10-IQ-MK2	available
	8 high power relay-controlled outputs	LC-8-IQ	available
Light dimmer	4 channel universal lights dimmer controls up to 4 Eltaco LUD-12 dimmers	LD-P4-IQ	obsolete
DALI dimmer	8 DALI groups dimmer	LD-D8-IQ	obsolete
LED stripe dimmer	4 channel 12/24V constant voltage LED dimmer	LD-V4-IQ	available
DALI-2 application controller	IEX-2 module, DALI-2 application controller	LC-DC2	available
	IEX-2 module, DALI-2 application controller, galvanic isolation	LC-DC2-ISO	available
Blinds contoller	5 blinds position controller	BC-5-IQ	available
I/O expansion module, Cybro family	12 dig inputs, 6 an/dig inputs, 6 dig inputs/outputs	Bi-24	available
	12 dig inputs, 12 relay 5A outputs	Bio-24R	available
	12 dig inputs, 12 transistor outputs	Bio-24T	available
	12 dig inputs, transistor outputs, 4 fast counter inputs, 6 PWM outputs	Bio-24PWM	available
	10 digital inputs, 10 relay 8A outputs	Bio-20R-MK2	available
	4x230V AC inputs, 8 relays 16A (lights)	Bio-8R4	available
	Resistive inputs (RTD), 12xPt100/1000, Ni100/1000 or potentiometer	AiR-12	available
	Voltage inputs, 12×0..10V	AiV-12	available
	Current inputs, 12×0..20mA	AiC-12	available
	Voltage outputs, 12×0..10V	AoV-12	available

component	description	order code	status
Card reader interface	2 channel wiegand (card, QR, ANPR) reader module, 2x output, 4x input	CR-W2	available
A-bus converter	A-bus RS232 to RS485 converter	CAD-232-A2-IQ	obsolete
	A-bus RS232 to RS485 converter	CAD-232-A3-IQ	new
Bus coupler	Connection between RJ9 and cable	CAD-BC	available
COM - various software options	Serial communication module RS232 - RS485	COM	obsolete
	Serial communication module IEX - RS232	COM-232	obsolete
	Serial communication module IEX - RS485	COM-485	obsolete
	Virtual serial communication module IEX - RS232 / RS485	V-COM	new
Bus extender	Connection between RJ9 and cable, surge protection	BE-PROT	available

1.3. IEX Modules field

component	description	order code	status
Scene controller	Touch 4 scene controller	SC-4T-IQ	available
	4scene controller, using any brand of push buttons	SC-4S-IQ	request
Thermostat	Touch room thermostat	TH-1T-IQ	available
	Blind room thermostat	TH-2-IQ	project only
Operator panel with LCD display	2×20 characters, temperature, humidity, light sensor	OP-8	project only
	wall mounting kit for OP-8 touch panel (aluminium)	OP-8 - WALL KIT	project only
Entrance Control Unit	RFID, QR code code readers, iBeacon transmitter, 4“ graphical touch display	CR-D1-B	obsolete
	RFID, QR code code readers, iBeacon transmitter	CR-D3-B	obsolete
Room Controll Unit	Touch display 4”, iBeacon transmitter, temperature sensor	CR-D2-B	obsolete
Entrance Control Unit	RFID, QR code code readers, iBeacon transmitter, 4“ graphical touch display	CR-D1-V2-PX-BK	new
	RFID, QR code code readers, iBeacon transmitter	CR-D3-V2-PX-BK	new
Touch Display Adapter	485 communication adapter for TGP, external temperature sensor	TGP-S	new
Temperature & Humidity sensors	Temperature sensor, iBeacon transmitter, RS485 for touch display - white	TS-S-WH	new
	Temperature sensor, iBeacon transmitter, RS485 for touch display - black	TS-S-BK	new
	Temperature & Humidity sensor	TS-H	available

component	description	order code	status
HVAC controller	3 speed fan, 2 valves, binary/analog input, temperature input	FC	available
	3-speed fan coil actuator	FC-1-IQ	available
	Modulating valve, 2 relay controller, binary analog input	FC-2	available
Switch inputs module, flush mount	4 switch inputs, 4 switch inputs/LED outputs	SW-W3	obsolete
	Compact remote input module with 4 digital inputs	SW-W4	new
I/O expansions module, flush mount	2 mains sense inputs 2 relay outputs 16A	O2	available

1.4. Wireless extension modules

component	description	order code	status
Wireless DALI-to-DALI bridge	DALI wireless bridge, multiple ballasts per bridge	WD-1	available
Wireless Modbus-to-Modbus bridge	Modbus wireless bridge,	WM-1	available
Wireless Modbus relay	Wireless modbus relay	WR-1	available
	Wireless modbus 5 relay, 1 digital input, 1 temperature input	WR-5	available

1.5. RS485 modules

component	description	order code	status
Touch HMI	4 inch touch HMI panel 86mm box black frame, UK dose	TGP-4A-01-IQ	available
	4 inch touch HMI panel 86mm box black frame, DIN dose 60mm	TGP-4D-01-IQ	new
	7 inch touch HMI panel 86mm box black frame	TGP-7A-01-IQ	request
Power sensor	1-phase power sensor, DIN rail	PM1-E-D	request
	1-phase power sensor, DIN rail, CT	PM1-E-D-CT	available
	3-phase power sensor, DIN rail	PM3-E-D	available
	3-phase power sensor, DIN rail, CT	PM3-E-D-CT	available
	1-phase split core current transformer, 50A	CT1-E-50	available
	3-phase split core current transformer, 50..400 A	CT3-E-XX	request
Air Quality sensor	Temperature and humidity on wall sensor RS485	RB-100-TH	available
	Temperature, humidity, CO2 on wall sensor RS485	RB-100-AQ	available

1.6. Wiegand modules

component	description	order code	status
QR or RFID readers	QR code and 125kHz RFID reader, Wiegand 32b	QR-FR-B	available
	Card reader, 125kHz RFID, Wiegand, embedded module	CR-MR	available
	Card reader, Mifare, Wiegand, embedded module	CR-MM	request

1.7. IOT Linkers

component	description	order code	status
IOT Linker	Quad-core A53, 1 GB RAM, 2 LAN, 1 USB, USB-C power supply	IOT-L2-2	available
	Quad-core A55, 4 GB RAM, 3 LAN, 2 USB, USB-C power supply	IOT-L3-3	available
	Quad-core A76, 4 GB RAM, 2 LAN, 1 USB, 12 V power supply	IOT-L3-PRO	available
	Quad-core A76, 16 GB RAM, 2 LAN, 1 USB, 12 V power supply	IOT-L3-MAX	new
IOT linker power supply	Adapter 24 V DC for IOT-L2-2, IOT-L3-3 – 24 V DC (24 V DC input, USB-C 5 V output)	IOT-PS-DC-USB	available
	IoT Linker PSU for IOT-L2-2, IOT-L3-3 – 220 V AC / 5 V USB-C (Schuko plug input, USB-C output	IOT-PS-PLUG-USB	available
	IoT Linker PSU for IOT-L2-2, IOT-L3-3 – 220 V AC / 5 V USB-C (USB-C cable)	IOT-PS-DIN-USB	available
	IoT Linker PSU for IOT-L3-PRO, IOT-L3-MAX – 220 V AC / 12 V DC (coaxial connector)	IOT-PS-DIN-CPC	available
	IoT Linker PSU for IOT-L3-PRO, IOT-L3-MAX – 220 V AC / 12 V CPC (Schuko plug input, CPC output)	IOT-PS-PLUG-CPC	available

IoT Linker devices can be ordered with:

- **S-RMS** application (application for hotel rooms and access control), which does not include a license; building and per-room licenses must be added separately.
- **CWS** application (general SCADA application), which already includes a license but does not include the development of the SCADA application itself.

1.8. Sensors & accessories - connect to I/O

component	description	order code	status
Temperature sensor	Plastic 2m wire	ES-P	available
	Metal housing ip 67, 5m wire	ES-B	available
	White housing	ES-W2-WH	new
	Black housing	ES-W2-BK	new
	White housing, terminals	ES-W-OW-WH	obsolete
	Ivory housing, terminals	ES-W-OW-IVORY	obsolete

component	description	order code	status
Presence/Motion sensors	On-wall & on-ceiling PIR sensor with no delay	IR-580-IQ	obsolete
	Recessed ceiling PIR sensor, relay output	IR-R-IW-WH	available
	Ceiling surface mounted PIR sensor	IR-R-OW-WH	available
	On-wall or ceiling microwave sensor, NPN output	MW-T-OW-WH	request
	Wired magnetic door/window opening sensor, visible	MOS-01	obsolete
	Wired magnetic door/window opening sensor, hidden	MOS-02	obsolete
	Wired magnetic door/window opening sensor, hidden, white (10 pcs per pack	MOS-03-HD-WH	new
	Wired magnetic door/window opening sensor, visible, white (10 pcs per pack)	MOS-04-VS-WH	new
	Wired magnetic door/window opening sensor, visible, black (10 pcs per pack	MOS-04-VS-BK	new
	Wired magnetic door/window opening sensor, visible, white (10 pcs per pack)	MOS-05-VS-WH	new
	Wired magnetic door/window opening sensor, visible, black (10 pcs per pack	MOS-05-VS-BK	new
	EnOcean Wireless Invisible Battery Free Opening Sensor	SWO-2-1-00	new
Push button wires	Wires for connecting switches on SW-W3 / SC-4S-IQ, 20pcs	CAD-SW-IW-B	obsolete
Lightness sensor	Indoor lightness sensor, 0...10V output	RHKF-U-IQ	request
Universal dimmer module (Eltaco)	Universal 230VAC light dimmer for LD-P4-IQ	LUD12-IQ	obsolete

1.9. Accessories

component	description	order code	status
Bus cable	2.5 cm .. 3 m RJ9 to RJ9 bus cable	CAD-Px	available
Power supply	24VDC / 1.5 A power supply	HDR-30-24	available
	24VDC / 2.5 A power supply	HDR-60-24	available
	24VDC / 2 A power supply	HDR-100-24	new
RFID cards	RFID Card – 125 kHz	EM CARD	available
	RFID Card – 13.56 MHz	EM CARD-02	new
	RFID Key Card Switch	KCS-RFID-BK	new
Wall box	British Standard wall box for plaster wall	PB-BS-1	obsolete
	British Standard wall box for brick/concrete wall	WB-BS-1	obsolete

component	description	order code	status
Electric strike	Electric Door Strike, 24 V DC, 200m A, 300 kg Holding Force	EL-B	new
	Electric Door Strike-Narrow version, 24 V DC, 200 mA, 300 kg Holding Force	EL-N	new
	Electric Door Strike, 24 V DC, 200 mA, 300 kg Holding Force, with Micro Switch	EL-B-MS	request
	Fire-Rated Electric Door Strike, 24 V DC, 200 mA, 400 kg Holding Force, 60 min	EL-F	new
	Fire-Rated Electric Door Strike, 24 V DC, 200 mA, 400 kg Holding Force, with Micro Switch, 60 min	EL-F-MS	available
	Electric Furniture Lock, 24 V DC, 0.9 A, with Integrated Micro Switch	EL-C-MS	new
Demo Kit	HIQ Hospitality Demo Case	DK-HH-01	new