

# HIQ Hospitality Components

## HIQ controllers

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

## IEX Modules DIN rail

component	description	order code	status
Light controller	10 high power relay-controlled outputs	<a href="#">LC-10-IQ-MK2</a>	available
	8 high power relay-controlled outputs	<a href="#">LC-8-IQ</a>	available
Light dimmer	4 channel universal lights dimmer controls up to 4 Eltaco LUD-12 dimmers	<a href="#">LD-P4-IQ</a>	available
DALI dimmer	8 DALI groups dimmer	<a href="#">LD-D8-IQ</a>	available
LED stripe dimmer	4 channel 12/24V constant voltage LED dimmer	<a href="#">LD-V4-IQ</a>	available
DALI-2 application controller	IEX-2 module, DALI-2 application controller	<a href="#">LC-DC2</a>	available
	IEX-2 module, DALI-2 application controller, galvanic isolation	<a href="#">LC-DC2-ISO</a>	available
Blinds controller	5 blinds position controller	<a href="#">BC-5-IQ</a>	available
I/O expansion module, Cybro family	12 dig inputs, 6 an/dig inputs, 6 dig inputs/outputs	<a href="#">Bi-24</a>	available
	12 dig inputs, 12 relay 5A outputs	<a href="#">Bio-24R</a>	available
	12 dig inputs, 12 transistor outputs	<a href="#">Bio-24T</a>	available
	12 dig inputs, transistor outputs, 4 fast counter inputs, 6 PWM outputs	<a href="#">Bio-24PWM</a>	available
	10 digital inputs, 10 relay 8A outputs	<a href="#">Bio-20R-MK2</a>	available
	4x230V AC inputs, 8 relays 16A (lights)	<a href="#">Bio-8R4</a>	available
	Resistive inputs (RTD), 12xPt100/1000, Ni100/1000 or potentiometer	<a href="#">AiR-12</a>	available
	Voltage inputs, 12x0..10V	<a href="#">AiV-12</a>	available
	Current inputs, 12x0..20mA	<a href="#">AiC-12</a>	available
	Voltage outputs, 12x0..10V	<a href="#">AoV-12</a>	available
	Card reader interface	2 channel wiegand (card, QR, ANPR) reader module, 2x output, 4x input	<a href="#">CR-W2</a>

component	description	order code	status
A-bus converter	A-bus RS232 to RS485 converter	<a href="#">CAD-232-A2-IQ</a>	available
	A-bus RS232 to RS485 converter	<a href="#">CAD-232-A3-IQ</a>	new
Bus coupler	Connection between RJ9 and cable	<a href="#">CAD-BC</a>	available
COM - various software options	Serial communication module RS232 - RS485	<a href="#">COM</a>	available
	Serial communication module IEX - RS232	<a href="#">COM-232</a>	available
	Serial communication module IEX - RS485	<a href="#">COM-485</a>	available
	Virtual serial communication module IEX - RS232 / RS485	<a href="#">V-COM</a>	new
Bus extender	Connection between RJ9 and cable, surge protection	<a href="#">BE-PROT</a>	available

## IEX Modules field

component	description	order code	status
Scene controller	Touch 4 scene controller	<a href="#">SC-4T-IQ</a>	available
	4scene controller, using any brand of push buttons	<a href="#">SC-4S-IQ</a>	available
Thermostat	Touch room thermostat	<a href="#">TH-1T-IQ</a>	available
	Blind room thermostat	<a href="#">TH-2-IQ</a>	available
Operator panel with LCD display	2×20 characters, temperature, humidity, light sensor	<a href="#">OP-8</a>	available
	wall mounting kit for OP-8 touch panel (aluminium)	<a href="#">OP-8 - WALL KIT</a>	project only
Entrance Control Unit	RFID, QR code code readers, iBeacon transmitter, 4" graphical touch display	<a href="#">CR-D1-B</a>	new
	RFID, QR code code readers, iBeacon transmitter	<a href="#">CR-D3-B</a>	new
Room Controll Unit	Touch display 4", iBeacon transmitter, temperature sensor	<a href="#">CR-D2-B</a>	new
Touch Display Adapter	485 communication adapter for TGP, external temperature sensor	<a href="#">TGP-S</a>	new
Temperature & Humidity sensors	Temperature sensor, iBeacon transmitter, RS485 for touch display - white	<a href="#">TS-S-WH</a>	new
	Temperature sensor, iBeacon transmitter, RS485 for touch display - black	<a href="#">TS-S-BK</a>	new
	Temperature & Humidity sensor	<a href="#">TS-H</a>	available
HVAC controller	3 speed fan, 2 valves, binary/analog input, temperature input	<a href="#">FC</a>	available
	3-speed fan coil actuator	<a href="#">FC-1-IQ</a>	available
	Modulating valve, 2 relay controller, binary analog input	<a href="#">FC-2</a>	available

component	description	order code	status
Switch inputs module, flush mount	4 switch inputs, 4 switch inputs/LED outputs	SW-W3	available
	Compact remote input module with 4 digital inputs	SW-W4	available
I/O expansions module, flush mount	2 mains sense inputs 2 relay outputs 16A	O2	available

## 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

## RS485 modules

component	description	order code	status
Touch HMI	4 inch touch HMI panel 86mm box black frame	TGP-4A-01-IQ	available
	4 inch touch HMI panel 86mm box black frame, DIN dose 60mm	TGP-4D-01-IQ	available
	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	available
	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	request
	3-phase split core current transformer, 50..400 A	CT3-E-XX	
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

## 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

## 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.

## 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	available
	Ivory housing, terminals	ES-W-OW-IVORY	available

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
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	request

## 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
	12VDC / 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
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

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