

Order Code

Name	Description	Order Code	Status
Controllers			
CyBro-2	intelligent programmable controller, 10 digital inputs, 8 relay outputs, 4 analog inputs, 1 analog output, high-speed counter, IEX expansion port, 2xRS232 port, real-time clock		
	- 24V DC power supply	CYBRO-2-24	available
	- 24V DC power supply, Ethernet	CYBRO-2-24-E	available
	- 230V AC power supply	CYBRO-2-230	available
RC	- 230V AC power supply, Ethernet	CYBRO-2-230-E	available
	intelligent programmable controller, IEX expansion port, 2xRS232 port, real-time clock		
RC	- 24V DC power supply	RC	available
	- 24V DC power supply, Ethernet	RC-E	available
µCyBro-2	micro programmable controller, programming language C, 8 digital inputs, 6 digital outputs, 7 analog inputs, 1PWM output, 2 slot IEX expansion port, RS485 port		
	- relay outputs	UCYBRO-2R	request
	- transistor outputs	UCYBRO-2T	available
IPU	programmable controller for Hitachi SJ300/L300 inverters, custom software on request, 8 digital inputs, 8 transistor outputs, 4 analog inputs, 1 analog output	IPU-Pxx-EM	available
PC workstations			
PC workstation	12.1" touch screen, 800x600, TM5900, fanless, 60GB hard disk, 512MB RAM, without operating system	WS-12-IW	available
Computer monitors for wall mounting			
Touch screen monitor	Industrial quality LCD touch screen monitor		
	- 15" 1024x768, USB touch, 2m cable, 230V AC	LCD-TM15-CT	available
	- 17" 1280x1024, USB touch, 2m cable, 230V AC	LCD-TM17-CT	available
Touch screen operator panels			
	Color touch screen operator panel for panel mount		
OP-MT6050I	4.3" 480x272, 65k colors, wide screen, serial port	OP-MT6050I-CT	available
OP-MT6056I	5.6" 320x234, 65k colors, serial ports	OP-MT6056I-CT	available
OP-MT8056I	5.6" 320x234, 65k colors, serial and Ethernet ports	OP-MT8056T-CT	available
OP-MT6070IH	7" 800x480, 65k colors, wide screen, serial ports	OP-MT6070IH-CT	NEW
OP-MT8070IH	7" 800x480, 65k colors, wide screen, serial and Ethernet ports	OP-MT8070IH-CT	NEW
OP-MT6100I	10" 800x480, 65k colors, wide screen, serial ports	OP-MT6100I-CT	NEW
OP-MT8100I	10" 800x480, 65k colors, wide screen, serial and Ethernet ports	OP-MT8100I-CT	NEW
OP-MT8104XH	10.4" 800x600, 65k colors, serial and Ethernet ports	OP-MT8104XH-CT	available
OP-MT8121X	12.1" 800x600, 65k colors, serial and Ethernet ports	OP-MT8121X-CT	available
OP-MT8150X	15" 1024x768, 65k colors, serial and Ethernet ports	OP-MT8150X-CT	NEW
	Color touch screen operator panel BM with wall mounting kit		
OP-MT6050I	4.3" 480x272, 65k colors, wide screen, serial port	OP-MT6050I-IW	available
OP-MT6056I	5.6" 320x234, 65k colors, serial ports	OP-MT6056I-IW	available
OP-MT8056T	5.6" 320x234, 65k colors, serial and Ethernet ports	OP-MT8056T-IW	available
OP-MT6070IH	7" 800x480, 65k colors, wide screen, serial ports	OP-MT6070IH-IW	NEW
OP-MT8070IH	7" 800x480, 65k colors, wide screen, serial and Ethernet ports	OP-MT8070IH-IW	NEW
OP-MT6100I	10" 800x480, 65k colors, wide screen, serial ports	OP-MT6100I-IW	NEW
OP-MT8100I	10" 800x480, 65k colors, wide screen, serial and Ethernet ports	OP-MT8100I-IW	NEW
OP-MT8104XH	10.4" 800x600, 65k colors, serial and Ethernet ports	OP-MT8104XH-IW	available
OP-MT8121X	12.1" 800x600, 65k colors, serial and Ethernet ports	OP-MT8121X-IW	available
OP-MT8150X	15" 1024x768, 65k colors, serial and Ethernet ports	OP-MT8150X-IW	request
Operator panels IEX			
OP-1	operator panel, LCD display 2x16 characters, green backlight, 5 keys, IR receiver, temperature, beeper	OP-1-IW	available

	- custom front foil on request	OP-1-IW-CUSTOM	request
OP-2	operator panel, LCD display 2x16 characters, green backlight, 5 keys, IP54 protection	OP-2-CT	available
OP-3	operator panel, LCD display 2x20 characters, blue backlight, 5 keys, 4 LEDs, IR receiver, beeper		
	- temperature measurement	OP-3-T-IW	available
	- cyrillic characters, temperature measurement	OP-3-C-T-IW	request
	- temperature and humidity measurement	OP-3-TH-IW	available
	- cyrillic characters, temperature and humidity measurement	OP-3-C-TH-IW	request
	- custom front foil on request	OP-3-IW-CUSTOM	request
OP-4	operator panel, LCD display 2x20 characters, blue backlight, 4 LEDs, encoder, light and IR receiver, beeper	OP-4-OW	available
OP-5	operator panel, LCD display 2x20 characters, blue backlight, 5 keys, IR receiver, beeper		
	- temperature measurement	OP-5-T-IW	available
	- cyrillic characters, temperature measurement	OP-5-C-T-IW	request
	- temperature and humidity measurement	OP-5-TH-IW	available
	- cyrillic characters, temperature and humidity measurement	OP-5-C-TH-IW	request
	- custom front panel and housing color	OP-5-IW-CUSTOM	request

Cabinet mounted IEX expansion units

HR	hotel room module, heating/cooling, air-circulation, lighting, fire/flood alarm, emergency button	HR	available
Bio-24	digital I/O, 12 digital inputs, 12 digital outputs		
	- relay outputs	BIO-24R	available
	- transistor outputs	BIO-24T	available
Bio-8R4	digital I/O, 4x230V AC inputs, 8 high power relays		
	- lights switching	BIO-8R4-L	available
	- blinds control, 24V DC	BIO-8R4-B24	available
	- general purpose	BIO-8R4-N	available
AiR-12	resistive inputs, 12xPt100/1000, Ni100/1000 or potentiometer	AIR-12	available
AiV-12	voltage inputs, 12x0..10V	AIV-12	available
AiC-12	current inputs, 12x0..20mA	AIC-12	available
AoV-12	voltage outputs, 12x0..10V	AOV-12	available
LC-DC	digital light module, DALI output	LC-DC	available
GSM module	GSM module for remote control and data acquisition, SMS and GPRS access, 4 switch inputs, 2 relay outputs	GSM-1	available
CR-W2	2 card readers, 4 switch inputs, 2 digital outputs	CR-W2	NEW
A-bus port	Additional RS232/RS485 communication port	COM-ABUS	available
Serial printer port	Additional RS232/RS485 communication port	COM-PRN	NEW

Field mounted IEX expansion units

FC	fan-coil module	FC-FB	available
LC-S	analog light module, 1..10V outputs	LC-S-FB	available
LC-D	digital light module, DSI/DALI outputs	LC-D-FB	available
8C	digital I/O, 4 digital inputs, 4 relay outputs	8C-FB	available
O2	digital I/O, 2 high power relays, 2 mains sense inputs		
	- lights switching	O2-L-IW	available
	- general purpose	O2-N-IW	request
SW-L	4 switch inputs module, 4 red LEDs, compatible with switches Legrand/Bticino/TEM	SW-L-EM	available
	- different LED colors on request	SW-L-EM-CUSTOM	request
	- with buttons, cover plate, mounting frame, flush box	SW-L-EM-KIT	available
SW-W	thin switch input module with wires, 8 switch inputs, 2 analog inputs, 2 LED outputs, 4 switch wires, single package	SW-W-IW	available
	- 10pcs bulk package	SW-W-IW-B	available
	- additional wires on request	SW-W-IW-CUSTOM	request
SW-W2	thin switch inputs module, 4 switch inputs, 4 LED outputs, 2 switch wires, single package	SW-W2-IW	available
	- 10pcs bulk package	SW-W2-IW-B	available
SW-W2TIR	thin switch inputs module, 4 switch inputs, 1 LED output, temperature sensor input, IR receiver input, 2 switch wires, single package	SW-W2TIR-IW	request
TS	temperature sensor module		
	- white housing	TS-OW-WHITE	available

	- ivory housing	TS-OW-IVORY	available
	- humidity measurement, white housing	TS-H-OW-WHITE	available
	- humidity measurement, ivory housing	TS-H-OW-IVORY	available
	- additional housing colors on request	TS-OW-CUSTOM	request
Weather station	outdoor weather station module, light, temperature, wind measurement, rain detector	WTH01-OW	coming
IPU	inverter control module for Hitachi SJ300/L300 inverters, 8 digital inputs, 8 transistor outputs, 4 analog inputs, 1 analog output	IPU-P00-EM	available
Accessories -sensors			
ES	temperature sensor		
	- 2m wire	ES	available
	- inserted into blank switch cover, 2m wire	ES-1M-W-IW	request
	- inserted into blank switch cover, short wires with connector	ES-1M-TIR-IW	coming
	- white housing, terminals	ES-W-OW-WHITE	available
	- ivory housing, terminals	ES-W-OW-IVORY	available
	- housing color on request	ES-W-OW-CUSTOM	request
IR receiver	inserted into blank switch cover, short wires with connector	IR-1M-TIR-IW	coming
Room thermostat	thermostat with temperature measurement	THS02-OW	available
Multi sensor	multi sensor with IR receiver		
	- internal (ceiling) light intensity sensor for internal light	MS-I-IW	available
	- internal (ceiling) light intensity sensor for external light	MS-O-IW	available
	- motion detector, light intensity sensor, RJ12 connector	LR18134-IW	available
Motion sensor	passive IR motion detector		
	- ceiling mount	LRM 8114-IW	available
	- surface mount, long range	LRM 8115-OW	available
	- surface mount, wide area	LRM 8116-OW	available
	- surface mount, aisle applications	LRM 8117-OW	available
Potentiometer	electronic potentiometer		
	- 0,7..10V output, push button switch	CAD-POT-IW	available
	- 1..10V output, push button switch	LPS100-IW	request
Accessories - remote operators			
Remote controller	IR remote controller		
	- small simple 11 keys	RE	available
	- programmable monochrome touch screen	RE-RU960	available
	- color programmable touch screen panel	RE-TSU9600	available
	- ultra thin color programmable touch screen	RE-TSU9400	available
Wall holder	for RE	WH-RE-OW	available
Accessories - converters, adapters, programming tools			
A-bus converter	A-bus RS232 to RS485 converter	CAD-232-A2	available
GPRS router	GPRS Ethernet router	GSM-ETH-RT	available
Tracking device	GPS/GSM tracking module		
	- external GPS antenna	TD-101-E	available
	- internal GPS antenna	TD-101-I	available
GSM antenna	outdoor antenna, SMA male connector, impedance 50ohm, 2m cable	CAD-ANT1-GSM	available
NAD manager	tool for changing network address of an IEX-2 module	OP-2-NM	available
IEX interface	USB to CAN converter, opto-isolated	CAD-CAN-USB	available
BE	bus extender, connection between RJ9 and cable connection, DIN rail mounting	CAD-BE	available
BA	bus adapter, connection between RJ9 and cable connection, stand-alone housing	CAD-BA	available
CEX	bus extender, connection between RJ9 and cable connection, for developers		
	- connecting 1 module with wires	CAD-CEX1	available
	- connecting 1 module with wires, 1 module with RJ9 conn.	CAD-CEX2	available
IEX splitter	RJ9 Y adapter, one input, two outputs	CAD-SPL	available
IEX terminator	IEX bus terminator		
	- RJ9 120ohm	CAD-RJT	available
	- Integra-BM 120ohm	CAD-T120	available
	- Integra-BM 240ohm	CAD-T240	available

Sensor connection adapter	connection adapter between LRI multisensor or LRM motion sensor and LC-D or LC-S module	CAD-CON-LRM	available
Accessories - frames, tools			
Decorative frame			
	- OP-01 plastic frame with metallic Aluminum surface	FRM01-S01PL-MAL	available
	- OP-MT6050I natural Aluminum rectangular frame (4,3"), Magnet	FRM04-S03-AL-NAT	available
	- OP-MT6050I black Aluminum rectangular frame (4,3"), Magnet	FRM04-S03-AL-BLC	available
	- OP-MT6056I, OP-MT8056I natural Aluminum rectangular frame (5,6")	FRM05-S03-AL-NAT	available
	- OP-MT6056I, OP-MT8056I black Aluminum rectangular frame (5,6")	FRM05-S03-AL-BLC	available
	- OP-MT6070IH, OP-MT8070IH natural Aluminum rectangular frame (7")	FRM07-S03-AL-NAT	available
	- OP-MT6070IH, OP-MT8070IH black Aluminum rectangular frame (7")	FRM07-S03-AL-BLC	available
	- OP-MT8080T natural Aluminum rectangular frame (8")	FRM08-S03-AL-NAT	available
	- OP-MT8080T black Aluminum rectangular frame (8")	FRM08-S03-AL-BLC	available
	- OP-MT6100I, OP-MT8100I natural Aluminum rectangular frame (10")	FRM10W-S03-AL-NAT	available
	- OP-MT6100I, OP-MT8100I black Aluminum rectangular frame (10")	FRM10W-S03-AL-BLC	available
	- OP-MT8104XH natural Aluminum rectangular frame (10,4")	FRM10-S03-AL-NAT	available
	- OP-MT8104XH black Aluminum rectangular frame (10,4")	FRM10-S03-AL-BLC	available
	- OP-MT8121X natural Aluminum rectangular frame (12")	FRM12-S03-AL-NAT	request
	- OP-MT8121X black Aluminum rectangular frame (12")	FRM12-S03-AL-BLC	request
	- OP-MT8150X natural Aluminum rectangular frame (15")	FRM15-S03-AL-NAT	request
	- OP-MT8150x black Aluminum rectangular frame (15")	FRM15-S03-AL-BLC	request
Frame fixing kit	metal fixing frame, flush box, screws, connectors		
	- for OP-MT6050I	MNT04-KIT	available
	- for OP-MT6056I, OP-MT8056I	MNT05-KIT	available
	- for OP-MT6070IH, OP-MT8070IH	MNT07-KIT	available
	- for OP-MT8080T	MNT08-KIT	available
	- for OP-MT6100I, OP-MT8100I	MNT10W-KIT	available
	- for OP-MT8104XH	MNT10-KIT	available
	- for OP-MT8121T	MNT12-KIT	available
	- for OP-MT8121T	MNT12-KIT	available
Screwdriver	tool for Integra BM terminals		
	- for 45° terminals	CAD-SCREW1	available
	- for 90° low profile terminals	CAD-SCREW2	available
Marking tool	mounting holes for OP-5	ASC-MNT-OP5	available
Accessories - power supplies			
Power supply	switching power supply		
	- 230V / 5V DC, 20W	PS-30-V05	available
	- 230V / 12V DC, 30W	PS-30-V12	available
	- 230V / 24V DC, 34W	PS-30	available
	- 230V / 24V DC, 66W	PS-50	available
	- 230V /24V DC, 120W	PS-80	available
Cables			
CyBro programming cable	RS232, CyBro-2 to PC, RJ9-DB9 female, 2m	CAD-PP-P2	available
IEX cable	expansion cable, connects IEX modules		
	- Integra-BM IEX orange cable (1 unit=1meter)	CAD-TP2X2	available
	- RJ9-RJ9, minimum length (5cm)	CAD-P0	available
	- RJ9-RJ9, 1m	CAD-P1	available
	- RJ9-RJ9, 2m	CAD-P2	available
	- RJ9-RJ9, 3m	CAD-P3	available
Ethernet cable	patch cable, RJ45-RJ45		
	- 3m	CAD-ETH-P3	available
	- 5m	CAD-ETH-P5	available
A-bus converter cable	A-bus cable, connects CyBro-2 to A-bus converter		
	- RJ9-RJ9, minimum length (20cm)	CAD-232-P0	available
	- RJ9-RJ9, 2m	CAD-232-P2	available
Touch screen programming cable	RS232, touch panel to PC, DB9 female-DB15 female, 2m	CAD-PP-OPTW-P2	available

Touch screen interface cable	RS232, TS panel to CyBro-2, RJ9-DB15 female, 2m	CAD-OPTW-P2	available
GSM modem cable	CyBro-2 to GSM modem T02, RJ9, HD15 male, 2m	CAD-GSM01-P2	available
SW wires input pack	20pcs wires for connecting switches	CAD-SW-IW-B	available
SW wires LED pack	20pcs white illumination LEDs	CAD-SW-LED-W-B	available
	20pcs red illumination LEDs	CAD-SW-LED-R-B	available
	20pcs illumination LEDs different LED colors on request	CAD-SW-LED-C-B	request
SW wires buzzer	buzzer for connecting on SW-W2 module	CAD-SW-BUZZ	available

Software

Software pack	software pack on CD, includes all files from www.cybrotech.co.uk download directory	CD-PACK	available
CyPro	CyBro-2 programming environment		available
CyBro OPC	CyBro OPC data access server		
	- evaluation (up to 10 tags)		available
	- small license (up to 100 tags)	CYBRO-OPC-S	available
	- medium license (up to 1000 tags)	CYBRO-OPC-M	available
	- large license (unlimited number of tags)	CYBRO-OPC-L	available

Kits

RGB kit	RGB-D controller DALI output, IR sensor, IR remote controller, 24V DC power supply	RGB-D-KIT	available
IPU start kit	IPU module with preloaded software, OP-2i display, ISP programming adapter with software, demo projects files, one day training	IPU-KIT	available
Integra-BM starter pack	CYBRO-2-230-E, OP-2, FC, ES, SW-L-KIT, connecting cables, demo software in Aluminum suitcase	BM-LRN-KIT	available

- ~ Mounting: FB - Box, IW - Dose, OW - Wall, CT - Cabinet door, EM - Embedded (DIN rail products have no designator).
- ~ Status: coming: available soon; samples: samples available; NEW or available: on stock; request - production on request.
- ~ For products with request status or custom order options please contact Cybrotech sales department.

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