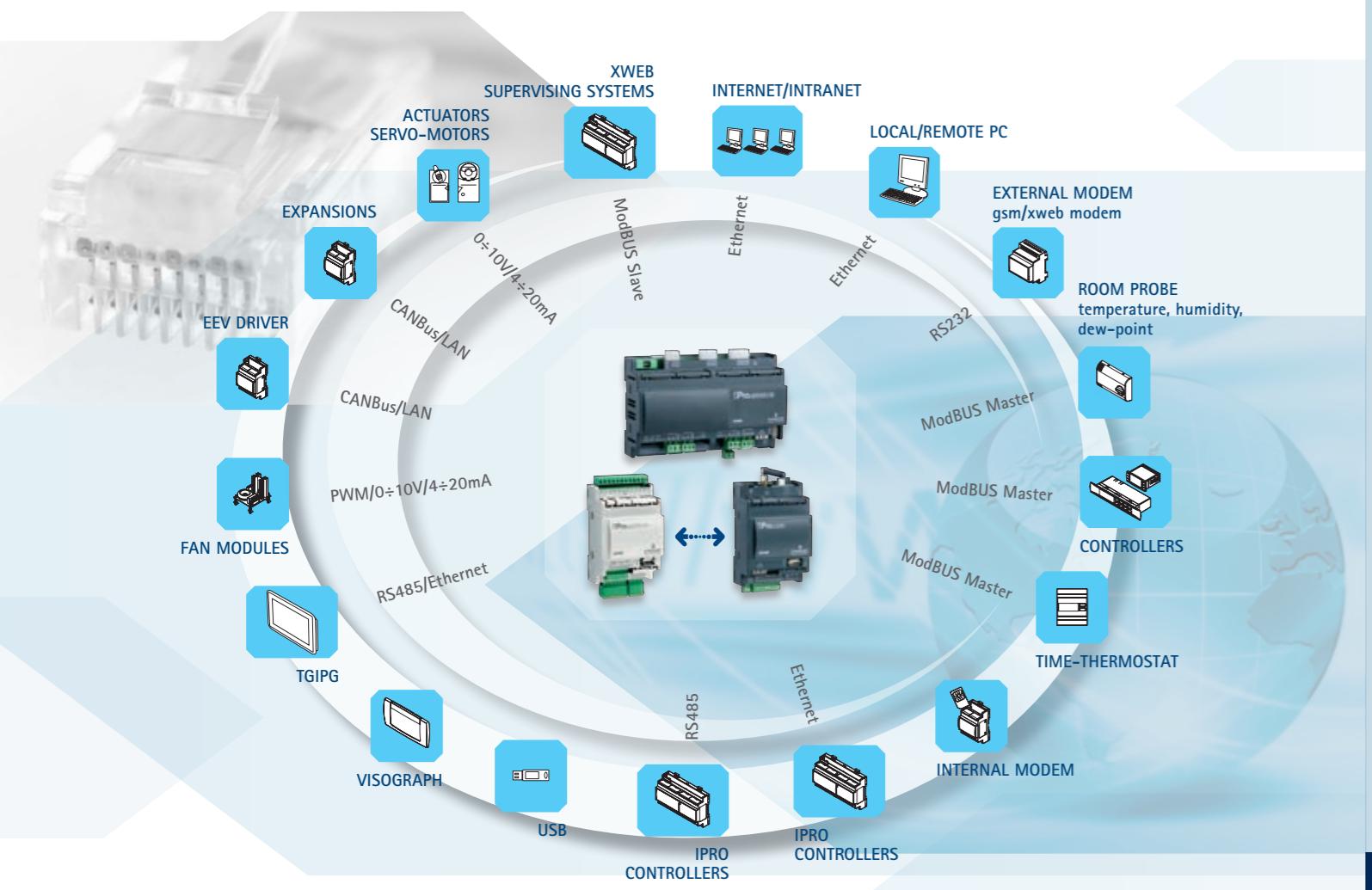
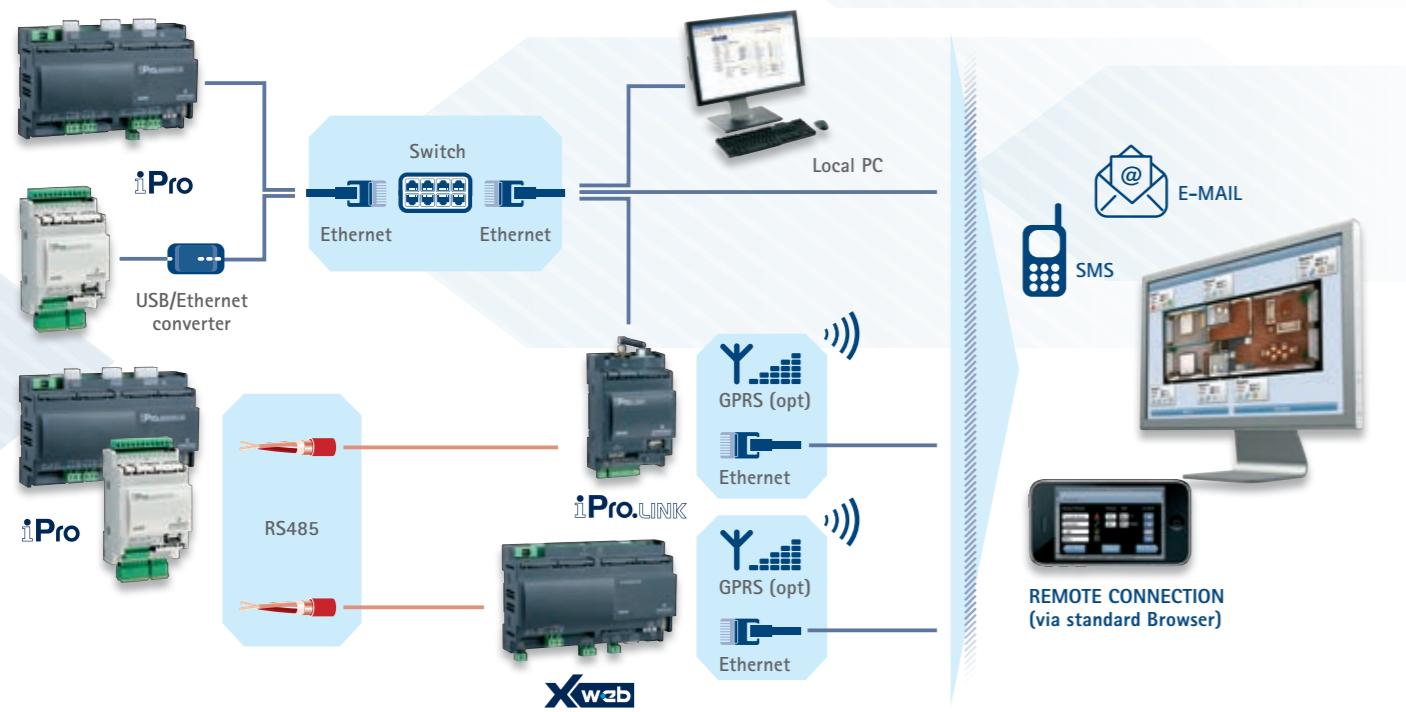


► HIGH CONNECTIVITY



iPro Short Form Guide



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MAIN FEATURES

- LINUX Operative System
- ISaGRAF® Software
- 200MHz CPU and 32bit Processor
- 32MB (for 4 DIN), 64MB (for 10 DIN) RAM Memory
- Format: 4 DIN Rail (110x70x59,5mm)
10 DIN Rail (110x175x59,5mm)
- Housing: Self Extinguishing ABS
- DIN Rail or Wall Mounting

iPro.GENIUS Programmable Controllers for GENERAL PURPOSE APPLICATIONS							iPro.CHIL Controllers for AIR CONDITIONING APPLICATIONS				iPro.RACK Controllers for COMPRESSOR RACK APPLICATIONS				iPX Expansion Modules for iPro SERIES									
FEATURES	IPG108D	IPG108E	IPG115D	IPG208D	IPG215D	IPG215F	IPC108D	IPC108E	IPC115D	IPR208D	IPR215D	IPX106D	IPX115D	IPX125D	IPX206D	IPX215D	IPX225D	IPX306D						
Format	4 DIN Rail	4 DIN Rail	10 DIN Rail	4 DIN Rail	10 DIN Rail	10 DIN Rail	4 DIN Rail	4 DIN Rail	10 DIN Rail	4 DIN Rail	10 DIN Rail	4 DIN Rail	10 DIN Rail	10 DIN Rail	4 DIN Rail	4 DIN Rail	10 DIN Rail	4 DIN Rail	10 DIN Rail	4 DIN Rail	4 DIN Rail	4 DIN Rail		
Display		dual + icons																						
Front leds						n° 5																		
Power supply	24Vac/dc from TF40D	24Vac/dc from TF40D	24Vac/dc from TF20D	24Vac/dc from TF40D	24Vac/dc from TF20D	24Vac/dc from TF40D	24Vac/dc from TF40D	24Vac/dc from TF40D	24Vac/dc from TF20D	24Vac/dc from TF40D	24Vac/dc from TF20D	24Vac/dc from TF10D	24Vac/dc from TF20D	24Vac/dc from TF10D	24Vac/dc from TF20D	24Vac/dc from TF10D	24Vac/dc from TF20D	24Vac/dc from TF10D	24Vac/dc from TF20D	24Vac/dc from TF10D	24Vac/dc from TF20D	24Vac/dc from TF10D		
Probe inputs	0÷1V, 0÷5V, 0÷10V, 0÷20mA, 4÷20mA, NTC, PTC, DI	6 config	6 config	10 config	6 config	10 config	6 config	6 config	10 config	6 config	10 config	7 config	10 config	10 config	7 config	10 config	10 config	10 config	10 config	10 config	7 config	7 config		
Digital inputs																								
Optoisolated		11 config	11 config	20 config	11 config	20 config	11 config	11 config	20 config	11 config	20 config	3 config	20 config	20 config	3 config	20 config	20 config	20 config	20 config	20 config	20 config	3 config		
Relay outputs																								
Configurable		8x5A	8x5A	12x5A + 3x8A	8x5A	15x5A	15x5A	8x5A	8x5A	12x5A + 3x8A 10x5A + 5xSSR opt	8x5A	15x5A	6x5A	12x5A + 3x8A	18x5A + 3x8A + 4xSSR	5x5A + 1x8A	15x5A	21x5A + 4xSSR	5x5A + 1x8A					
Other outputs																								
PWM																								
0÷10V or 4÷20mA		4 config	4 config		2 config		4 config	2 config		4 config	4 config		2 config		4 config	2 config		2 config		2 config		2 config		
0÷10V					4		4	4		4 config	4 config		4		4 config	4		4		4		4		
RS485		slave	slave	master + slave	slave	master + slave	master + slave	master + slave	master + slave	slave	slave	master + slave	slave	master + slave	slave	master + slave	slave	master + slave	slave	master + slave	slave	master + slave	slave	
USB		pres	pres	pres	pres	pres	pres	pres	pres	pres	pres	pres	pres	pres	pres	pres	pres	pres	pres	pres	pres	pres	pres	
External modem				GSM, analogue opt			GSM, analogue opt	GSM, analogue opt						GSM, analogue opt										
LAN/RS485 master (for IPX only LAN)		pres	pres		pres					pres	pres		pres		pres		pres		pres		pres		pres	
CANBus				pres		pres	pres	pres	pres			pres		pres		pres		pres		pres		pres		
Ethernet		via USB-ETH-CONV	via USB-ETH-CONV	opt	via USB-ETH-CONV	opt	opt	opt	opt	via USB-ETH-CONV	via USB-ETH-CONV	opt	via USB-ETH-CONV	opt	via USB-ETH-CONV	opt	via USB-ETH-CONV	opt	via USB-ETH-CONV	opt	via USB-ETH-CONV	opt		
Other																								
Remote keyboard	1xVGIPG	1xVGIPG	2xVGIPG	1xVGIPG	2xVGIPG	2xVGIPG	1xVGIPC	1xVGIPC	2xVGIPC	1xVGIPC	2xVGIPC	1xVGIPC	1xVGIPC	2xVGIPC	1xVGIPC	2xVGIPC	1xVGIPC	2xVGIPC	1xVGIPC	2xVGIPC	1xVGIPC	2xVGIPC	1xVGIPC	
Internal modem					analogue opt																			
Real time clock		pres	pres	pres	pres	pres	pres	pres	pres	pres	pres	pres	pres	pres	pres	pres	pres	pres	pres	pres	pres	pres	pres	
Flash memory	32MB	32MB	128MB	32MB	128MB	128MB	32MB	32MB	128MB	32MB	32MB	128MB	32MB	128MB	32MB	128MB	32MB	128MB	32MB	128MB	32MB	128MB	32MB	
Dip switch for address set																								
Connections	disconnectable + screw	disconnectable + screw	disconnectable	bayonet + screw	bayonet + screw	bayonet + screw	disconnectable + screw	disconnectable + screw	disconnectable	bayonet + screw	bayonet + screw	disconnectable	bayonet + screw	bayonet + screw	bayonet + screw	bayonet + screw	bayonet + screw	bayonet + screw	bayonet + screw	bayonet + screw	bayonet + screw	bayonet + screw	bayonet + screw	
Connection kit	DWS30-KIT, IP-FC108	DWS30-KIT, IP-FC108	DWB30-KIT	IP-FC208	IP-FC215CP	IP-FC215CP	DWS30-KIT, IP-FC108	DWS30-KIT, IP-FC108	DWS30-KIT	IP-FC208	IP-FC215CP	DWEX60-30KIT	DWX15-30KIT	DWX15-30KIT	IP-FCEX60	IP-FCEX215	IP-FCEX70	DWEX306-30KIT						
Expansion modules	IPX115D, IPX125D, IPX306D	IPX115D, IPX125D, IPX306D	IPX106D, IPX115D, IPX125D	IPX206D, IPX215D, IPX225D	IPX215D, IPX225D	IPX115D, IPX125D, IPX125D	IPX115D, IPX125D, IPX306D	IPX115D, IPX125D, IPX306D	IPX106D, IPX115D, IPX125D	IPX115D, IPX125D, IPX125D	IPX115D, IPX125D, IPX125D													
BACnet protocol	opt	opt	opt	opt	opt	opt	opt	opt	opt	opt	opt	opt	opt	opt	opt	opt	opt	opt	opt	opt	opt	opt	opt	

MAIN ACCESSORIES

GRAPHIC DISPLAYS



- LCD with 240x96pixels
- Format: 82x156mm
- Power supply: from controller
- Visokey output
- Buzzer (optional)
- ASCII or UNICODE
- Wall or panel mounting

VGIPG: for iProGENIUS, iProRACK and IPL500D
VGIPC: for iProCHILL

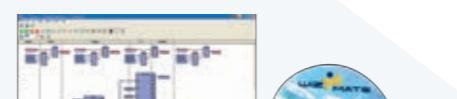
TOUCH SCREEN DISPLAYS



- Power supply: 24Vdc
- Ethernet output
- USB output
- 2xRS485/232/422 serial outputs
- Buzzer (beeps when pressed)
- Real time clock
- Panel mounting

TGIPG
Programmable TFT touch screen displays available in 3 different formats:
4,3": 16:9 - 480x272pixels - 104x145mm
7": 16:9 - 800x480pixels - 143x204mm
10,4": 4:3 - 640x480pixels - 228x280mm

DEVELOPMENT TOOL



- IPRO-TOOL
It is a complete and easy to use tool that allows the user to work independently to create applications for iPro controllers, taking advantage of all the programmable series potential. The package includes manuals and the ISaGRAF®, WIZMATE and VISOPROG (optional) software.

ADAPTER



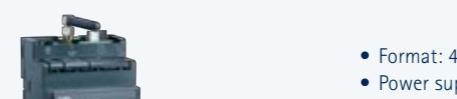
- USB-ETH-CONV
USB-Ethernet adapter for iPro controllers in 4 DIN format

EEV DRIVER



- XEV20D
Driver for 1 or 2 unipolar and bipolar stepper electronic expansion valves designed for iProGENIUS and iProCHILL
- USB-ETH-CONV
USB-Ethernet adapter for iPro controllers in 4 DIN format

CONNECTIVITY MODULE



- IPL500D
Programmable connectivity module designed to collect, store, process and manage data
- Format: 4 DIN Rail
 - Power supply: 24 Vac/dc (from TF20D)
 - RS485 slave output
 - USB output
 - LAN/RS485 master output
 - CANbus output
 - Ethernet output
 - Remote keyboard: VGIPG
 - Internal modem: GPRS (optional)
 - Real time clock
 - Flash memory: 128MB
 - IP-FC500 connection kit
 - BACnet protocol (optional)

PROBES AND ACCESSORIES



- For further information concerning probes and wiring/accessories please contact Dixell or visit www.dixell.com
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Manuals and updates are available on our Web Site