

# i<sup>3</sup> controller

the ultimate integrated control solution



- 128 x 64 LCD display
- Addressable function keys
- Dual Communications ports
- Up to 24 digital inputs (direct)
- Up to 4 analogue inputs (direct)
- Up to 16 digital outputs (direct)
- Up to 2 analogue outputs (direct)
- High speed counter
- Timers
- Stepper control (PWM)
- Modem interface
- Expansion I/O
- PID Control
- Alarm function
- Real time clock
- IP65 (NEMA4)
- Free of Charge software
- Voltage range: 10-24VDC

**FREE software**



actual size

1 display 2 control 3 communicate

Software	i3 Configurator
Programming Cable	i3PC45
MicroSD® 256MB	i3-MSD/256

	i3A12X/10A01-S00	i3A12X/10D03-SCH	i3A12X/10B04-SCH	i3A12X/20B05-S0H	i3A12X/13C14-S0H
miniCAN		■	■		
Dual Serial Ports	■	■	■	■	■
12 Digital Inputs	■	■	■		■
24 Digital Inputs				■	
6 Relay Outputs (5A)	■	■			
12 DC Outputs (0.5A)			■		■
16 DC Outputs (0.5A)				■	
4 Analogue Inputs		■			
1 Analogue Input	■				
2 Analogue / TC / PT100 Inputs					■
2 Analogue Inputs			■	■	
2 Analogue Outputs					■
High Speed Counter (10 kHz)	■	■	■	■	■
PWM Output (10 kHz)			■	■	■
Real Time Clock	■	■	■	■	■
I/O Expansion	Serial	Serial / miniCAN	Serial / miniCAN	Serial	Serial
Ethernet	i3A12X/10A01-S00E	i3A12X/10D03-SCHE	i3A12X/10B04-SCHE	i3A12X/20B05-S0HE	i3A12X/13C14-S0HE
GSM Modem	i3A12X/10A01-S00M	i3A12X/10D03-SCHM	i3A12X/10B04-SCHM	i3A12X/20B05-S0HM	i3A12X/13C14-S0HM
MicroSD® Memory Card	i3A12X/10A01-S00F	i3A12X/10D03-SCHF	i3A12X/10B04-SCHF	i3A12X/20B05-S0HF	i3A12X/13C14-S0HF

Full technical data and ordering information can be found on the enclosed CD or on line at [www.imopc.com](http://www.imopc.com)  
To speak to a product specialist call 0044 (0)208 452 6444

# i<sup>3</sup> touch controller



the perfect touch for integrated control



- 160 x 128 graphical display
- High-resolution resistive touch screen
- Addressable function keys
- Dual Serial Ports
- Remote I/O communication
- μSD™ Removable Memory Card
- Ethernet (option)
- Modem (option)
- Real time clock
- IP65 (NEMA 4X)
- CE, cUL, UL
- Free of Charge software
- Voltage range: 10-32VDC

**coming soon**



actual size

Software	i3 Configurator
Programming Cable	i3PC45
μSD™ Memory Card	i3-MSD/256
GSM Modem Aerial	M20-ANT

	i3B12Y/10D03-SCHF	i3B12Y/10B04-SCHF	i3B12Y/20B05-SCHF	i3B12Y/13C14-SCHF
CAN / miniCAN	■	■	■	■
Dual Serial Ports	■	■	■	■
12 Digital Inputs	■	■		■
24 Digital Inputs			■	
6 Relay Outputs (5A)	■			
12 DC Outputs (0.5A)		■		■
16 DC Outputs (0.5A)			■	
4 Analogue Inputs	■			
2 Analogue Inputs		■	■	
2 Analogue / TC / PT100 Inputs				■
2 Analogue Outputs				■
High Speed Counter (10 kHz)	■	■	■	■
Real Time Clock	■	■	■	
I/O Expansion	Serial / CAN	Serial / miniCAN	Serial / CAN	Serial / CAN
Ethernet	i3B12Y/10D03-SCHE	i3B12Y/10B04-SCHE	i3B12Y/20B05-SCHE	i3B12Y/13C14-SCHE
GSM Modem	i3B12Y/10D03-SCHM	i3B12Y/10B04-SCHM	i3B12Y/20B05-SCHM	i3B12Y/13C14-SCHM