

# *i*<sup>3</sup> Intelligent Control Station

Range: *i*<sup>3</sup>A, *i*<sup>3</sup>B, *i*<sup>3</sup>CX, *i*<sup>3</sup>CMini, *i*<sup>3</sup>DX, *i*<sup>3</sup>E



## Common *i*<sup>3</sup> Features

- Addressable Function Keys
- Configurable Serial Communication Ports
- CAN Port
- Up to 24 Digital Inputs (Integral)
- Up to 6 Analogue Inputs (Integral)
- Up to 16 Digital Outputs (Integral)
- Up to 4 Analogue Outputs (Integral)
- High Speed Counter
- Stepper Control (PWM)
- Modem Interface
- CAN & Modbus Based Remote I/O
- PID Control
- Alarm Function
- Real Time Clock
- IP65 (NEMA 4X) Protection
- Free Software
- Voltage Range: 10-30VDC
- CE, UL, cUL Approved



## Key Features *i*<sup>3</sup>A

- 128 x 64 Monochrome LCD Display
- 20 Function Keys
- microSD™ Removable Media 2GB
- Optional Ethernet Add-on Card

## Key Features *i*<sup>3</sup>B

- 160 x 128 Monochrome Touch Screen
- 5 Function Keys
- microSD™ Removable Media 2GB
- Optional Ethernet Add-on Card

## Key Features *i*<sup>3</sup>CX

- 640 x 480 Touch Screen 5.7" Display
- 6 Function Keys
- High Resolution 65K Colours
- microSD™ Removable Media 32GB
- Integral Ethernet Port
- Ethernet Based Remote I/O
- USB Ports for Flash Drives up to 2TB

## Key Features *i*<sup>3</sup>CMini

- 320 x 240 Touch Screen 3.5" Display
- 5 Function Keys
- High Resolution 65K Colours
- microSD™ Removable Media 32GB
- Integral Ethernet Port
- Ethernet Based Remote I/O
- USB Port for Flash Drives up to 2TB

## Key Features *i*<sup>3</sup>DX

- 640 x 480 Touch Screen 10.4" Display
- 7 Function Keys
- High Resolution 65K Colours
- microSD™ Removable Media 32GB
- Integral Ethernet Port
- Ethernet Based Remote I/O
- USB Port for Flash Drives up to 2TB

## Key Features *i*<sup>3</sup>E

- 800 x 480 Touch Screen 7" Display
- 6 Function Keys
- High Resolution 65k Colours
- microSD™ Removable Media 32GB
- 2 Integral Ethernet Ports
- 2 Integral CAN Ports
- Ethernet Based Remote I/O
- USB Port for Flash Drives up to 2TB

**IMO's new *i*<sup>3</sup> controller reduces equipment costs and build time by integrating PLC, HMI and Openbus communications technology into a single, easy to mount unit.**

Available with a combination of Digital and Analogue I/O – including Remote I/O – and integrating T/C and PT100 inputs, the *i*<sup>3</sup> controller is ideal for both process control and factory automation applications; especially as it is backed by IMO's unique 3-year warranty.

Although measuring from just 96mm<sup>2</sup> by 57.5mm deep, the *i*<sup>3</sup> nevertheless packs in levels of functionality that makes the unit the most flexible and cost effective in its class. In addition to digital and analogue I/O, and integral HMI, the *i*<sup>3</sup> integrates advanced controls such as PID for process control, PWM for stepper motor control, GSM MODEM or Ethernet, Recipe, Alarm, Timer, microSD™, High Speed Counter functions, web server and FTP, all of which are supported by FREE IMO Software.

The *i*<sup>3</sup> is the no-compromise solution for all-in-one display, control and communication.