



IOProCAN is a device designed to translate analog/digital signals into CAN messages and vice versa.

It is equipped with six I/O (digital and analog) lines, each one of them can be programmed by CAN bus.

Because of its very pliant configuration IOProCAN can be used as an I/O remote module, in data-acquiring systems or to transmit analog/digital signals by CAN.

CONFIGURATION SOFTWARE

A simple software is provided to configure the IOProCAN, full management of 6 pins. Freeware, intuitive and easy to use.

SPECIFICATIONS

General	
Micro controller	16 bit Fujitsu MB90F352
Clock	4 MHz (x 6 24 MHz)
Internal RAM Memory	up to 4 kb
Internal FLASH Memory	up to 128 kb
EEPROM Memory	128 kb
Input Output	
Digital input	PNP or NPN
Digital output	PNP or NPN Max 1,2A with protection from short circuit
Analog input	0 – 16 V res. 10 bit
Analog output	0 – 12 V, 0 – 6 V res. 12 bit. Max 30mA
Communication	
CANbus	1 full CAN compatible V2.0B
Serial	1 TTL
I2C	1
Interface	
Led	Power state, communication
Power	
Power voltage	from 6 to 32 V DC
Card consumption	130mA (no output)
Output consumption	1,2 A each output, 4 A max total consumption
Usage	
Environment	Protected against weather conditions (inside electric powerbox)
Temperature of use	from -40 to +85 °C
Relative wetness	from 10 a 90 % non condensing
Mechanics	
Size	91 x 82 x 26 mm it can be mounted on a DIN rail using its special plastic shells