Make it Easy

Programmable controllers

Advanced customization with EVCO's programming tools

UNI-PRO 3

UNI-PRO 3 is an object-oriented integrated development environment (IDE) designed for EVCO programmable devices. It makes it possible to realize and modify, according to one's demand, the control algorithms and the functional characteristics of user interfaces. Networks of devices can also be configured through UNI-PRO 3.

The availability of application block libraries (ABL) that have already been developed and tested helps developers fully exploit the plant's potential, since designing the application results a quick, intuitive and totally autonomous task, no matter the level of complexity.

The diagnostic function and the integrated document management contribute to reducing development times and costs.

GUI-PRO

GUI-PRO is the new graphic tool designed by EVCO to realize professional HMI application software for displays belonging to the EPcolor series.

The tool is based on Eclipse, an open-source IDE which is known for features such as speed of development, usability and easy debugging. The graphic and system libraries facilitate the realization of the user interface and the communications towards other devices.

A high degree of personalization is ensured by the option to write the code using the C language, starting from a rich assortment of examples and templates. High aesthetic standards in the realization of HMIs can be achieved thanks to a wide availability of backgrounds, icons, widgets, fonts and color palettes (16 bit), as well as advanced functions such as transparency and Alpha blending.

Once the user interface has been realized, certain parts of the programs (for example vocabulary, icons, colors and parameters) can be personalized with a simple upgrade via USB flash drive.

Make it Easy

Develop your know-how

EVCO develops innovative technologies with specific focus on design and ease of use in order to provide users with a comprehensive and customizable solution for the management and monitoring of various equipment and plants, such as those belonging to the HVAC/R industry.

Our mission is to offer freely programmable control solutions that help building complex and interconnected systems in a modular and easy way, thus allowing customers to reach all their targets, from high performance to energy saving.

We supply tools, products and services that add value to the equipment, with a view to make them comply with the most rigorous standards regarding environment, comfort and energy efficiency.

Greater Autonomy. Further Modularity. Higher Connectivity.

› Controllers with or without built-in display

› Wide range of user interfaces for remote visualization

› I/O expansion modules

› Integrated Development Environment (IDE)

› Ready-to-use application libraries for HVAC/R

- Highly configurable I/Os

› RS-485 communication ports (MODBUS, BACnet MS/TP)

› ETHERNET communication port (MODBUS TCP, BACnet IP)

› Configurable via Web Server

c-pro 3 series

c-pro 3 nano

› 2-row LED display
› 12 VAC or 24 VAC/DC
  power supply
› 25 I/Os
› INTRABUS, MODBUS RS-485,
  CAN and USB ports
› RTC
› Allarm buzzer

c-pro 3 micro/*micro plus*

› Blind or built-in LED display
› 12 o 24 VAC power supply
› 20 or *33* I/Os
› 2 MODBUS RS-485 ports,
  CAN and USB ports
› RTC

c-pro 3 kilo/*kilo plus*

› Blind, with built-in LED display or
  built-in LCD graphic display
› 24 VAC/DC power supply
› 21 o *33* I/Os
› Integrated unipolar stepper electronic
  expansion valves driver
› 2 MODBUS RS-485 ports,
  CAN and USB ports
› RTC

c-pro 3 NODE kilo

› Blind, with built-in LED display
  or built-in LCD graphic display
› 24 VAC/DC power supply
› 40 I/Os
› 2 MODBUS RS-485 ports
  (Modbus RTU, BACnet MSTP),
  CAN, USB and Ethernet
  (MODBUS TCP, Web Server,
  BACnet IP) ports
› RTC
› Datalogger

c-pro 3 OEM

› Open board or with enclosure
› 115... 230 VAC power supply
› 21 I/Os
› INTRABUS, MODBUS RS-485,
  USB and CAN ports
› RTC
› Integrated unipolar pulse electronic
  expansion valves driver

c-pro 3 giga

› Open board or with enclosure
› 115... 230 VAC power supply
› 28 I/Os
› 2 RS-485 ports (Modbus RTU,
  BACnet MSTP), CAN, USB and Ethernet ports
  (Modbus TCP, Web Server, BACnet IP)
› TTL EVlink port
› RTC
› Datalogger

I/O expansions & drivers

c-pro 3 EXP micro/ *micro plus*

› 12 VAC power supply
› 20 o *33* I/Os
› CAN and USB ports

c-pro 3 EXP kilo/ *kilo plus*

› 24 VAC power supply
› 20 o *33* I/Os
› CAN and USB ports

EVDRIVE03

› Blind or with built-in LCD
  graphic display
› 24 VAC/DC power supply
› Unipolar stepper electronic
  expansion valves output
› INTRABUS, MODBUS RS-485
  and CAN ports

Remote user interfaces

Vled 3

› 2-row LED display
› 12 VAC/DC power supply
› INTRABUS and CAN ports

EVJ LCD & EPJ LCD

› 2-row LCD display
› 12 VAC/DC or 115... 230 VAC power supply
› INTRABUS, RS-485 or CAN ports
› Allarm buzzer
› Built-in temperature and humidity sensor
› Built-in Bluetooth Low Energy sensor (EVJ LCD)

EPJgraph

› Colour LCD graphic display
› 24 VAC/12... 30 VDC power supply
› CAN port
› Allarm buzzer

EPJcolor

› Colour full touch-screen TFT graphic
  display
› 24 VAC/ 12... 30 VDC power supply
› RS-485, CAN and USB ports
› RTC
› Allarm buzzer

EPcolor S (3.5") / EPcolor M (5") / EPcolor L (7")

› Pronto per essere utilizzato con GUI-PRO
› Display grafico TFT capacitivo a colori
› Alimentazione 24 VAC/ 12... 30 VDC
› Porte RS-485, CAN e USB
› RTC
› Buzzer di allarme

Accessories

EVIF22ISX
INTRABUS/RS-485
serial interface

EVIF20SUXI
RS-485/USB
serial interface

EVRMS & EVRTS
Phase cutting speed
regulators

EVIF25SWX
RS-485/Wi-Fi
serial interface

EVIF25TWX
TTL/Wi-Fi
serial interface

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