

PLC DIN series

- PLCs with IEC 61131-3 IDE, GUI, SSH, and Web configuration tools
- A wide range of digital and analog inputs and outputs
- Modbus, Wiegand, 1-Wire, Dali, RS485, and more interfaces
- Secure solution with SSH, openVPN, SNMPv3, 802.1X, Secureboot
- Integration for Sicurit, Bosch, Mobotix, Pelco, V-Alert, Avigilon...
- Support of FVE systems including cloud for management and AI
- Integration of PIDS systems with IP cameras
- Reading and processing of Onvif events
- OFF-GRID measuring stations with LTE connectivity



The IPLOG-Gx DIN series of PLCs is easily adaptable to different applications and suitable for installation in house control panels. The wide range of compatible IF and IO modules allows you to build many variants of PLC and IO modules to suit your requirements. We recommend using the online configurator to quickly select the appropriate variant. IDE software with ST, LD, IL and FBD IEC61131-3 programming languages, a web interface and an SSH console are available for quick and easy setup and programming.

The devices are developed and manufactured in the EU and are NDAA compliant.

Available models

Order name	Order code
IPLOG-G4-DIN	6800-0000
IPLOG-G5-DIN	6900-0000
IPLOG-G6-DIN	6300-0000
IPLOG-G7-DIN	6200-0000
IPLOG-G4-01G-DIN	6802-0000

Technical parameters

CPU MODULE

Processor	ARM Cortex-A5 Processor with ARMv7-A Thumb-2 Instruction Set
Frequency	536 MHz
OS	Linux
RAM	512 MiB
NAND	256 MiB (SLC, Micron)

FAST ETHERNET

Count	2 / 1 (G4 / G5)
Supported formats	10BaseT, 100BaseTx
Connector	RJ45

USB-A

Count	1
Standard	USB 2.0
IPLOG Mode	USB host
Function	External storage
Surge protector	Transil
Output current	Max. 500 mA

USB-B

Count	1
Standard	USB 2.0
IPLOG Mode	USB device
Function	Local management
Surge protector	Transil

POWER

Input voltage range	10 - 60 VDC
Power consumption	3 W

ENVIRONMENT

Operating temperature	-40...+70 °C
Storage temperature	-40...+70 °C
Humidity	Max. 95 %

MECHANICAL

Weight

Dimensions - h / w / d 123 x 120 x 49,5 mm

Standards and protocols

Standard	Note
EN 61131-3	FBD, IL, ST, LD

EMC and safety

Standard	Level	Note
EN 61000-6-2		Immunity - industrial environment
IEEE 1613		Environmental and Testing Requirements Electric Power Substations
EN 50130-4 ed. 2		Alarm systems - Part 4: Electromagnetic compatibility
EN 55035		EMC of multimedia devices - immunity requirements
EN 55032		EMC of multimedia devices - emission requirements
EN 61131-2		Programmable control units
EN 62368-1		Safety requirements of Information technology equipment
EN IEC 63000		The Assessment Of Electrical And Electronic Products With Respect To The ROHS

Notes

- The manufacturer reserves the right to change technical parameters without prior notice.

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