

# eManager Pro ACTIO 1072

eManager Pro ACTIO 1072, ARM controller

Code: D301000012000 **CONSULTAR DISPONIBILIDAD**

> Memory: 512 MB | 8 GB eMMC
> Analogue Inputs: 7
> Módules: 7
> Communications: RS232/485 | Ethernet | Wi-Fi
> Nº relays: 2 (6 A)
> Digital inputs: 10
> Power supply: 85 ... 264 V~
> CPU: ARM Cortex A7 800 MHz

## Description

eManager ActIO is the range of IoT industrial controllers with different combinations of digital inputs, analogue inputs and relays. eManager ActIO centralises datalogging, communications, industrial protocol integration, signals and actuators. All in one.
All eManager input & output modules have their own microprocessor so you can perform real-time operations without relying on the main Linux CPU. In addition, you can control each relay, digital & analogue input in an agile and intuitive way with our customised Node-RED nodes.<br /><br /><br /><img src="https://send.saleslayer.com/f56a27086e7201200ce2ccd030b32f4e/AcTIO%2010DI%207AI%2B2PR%208SR_MD48.PNG" alt="" width="100%" height="auto" />



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## Specifications

### AC power supply

| | |
|---|---|
| Consumption | 8,8 ... 10,5 VA |
| Frequency | 47 ... 63 Hz |
| Nominal voltage | 85 ... 264 V~ |

### DC power supply

| | |
|---|---|
| Consumption | 6,4 ... 6,5 W |
| Nominal voltage | 120 ... 300 Vdc |

### Electrical characteristics

| | |
|---|---|
| Isolation level | 3 kVac |

### Mechanical characteristics

| | |
|---|---|
| Size (mm) width x height x depth | 123 x 89 x 48 (mm) |
| Envelope | Polycarbonate UL94 - Self-extinguishing V2 |
| Fastening | DIN rail 46277 (EN 50022) |
| Weight (kg) | 0,288 |

### Environmental characteristics

| | |
|---|---|
| Protection class | IP 20 |
| Relative humidity (without condensation) | 5...95 % |
| Operating temperature | -20...+50 °C |

### Communication Network

| | |
|---|---|
| Technology / Interface | Ethernet 10/100 Mbps |

### Standards

| | |
|---|---|
| Electrical safety, Maximum height (m) | 2000 |
| Electrical safety, Installation category | CAT III 300 V |
| Electrical safety, Contamination level/class | Double-insulated electric shock protection class II (IEC 61010) |
| Standards | UNE EN 61010-1, UNE-EN 61000-6-2, UNE-EN 61000-6-4 |

### Electrical safety

| | |
|---|---|
| Insulation | 3 kVac |

### Analogue inputs

| | |
|---|---|
| Quantity | 7 |
| Nominal range | 0...10 V / 0...20 mA o 4...20 mA |
| Nominal input range | 0...10 V / 0...20 mA or 4...20 mA |



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## Digital inputs

| | |
|---|---|
| Quantity | 10 |
| Type | 0...24 Vdc |

## Digital relay outputs

| | |
|---|---|
| Quantity | 2 |
| Type | NO |
| Maximum current | 6 A |
| Maximum open contact voltage | 250 Vac |

## Serial communication

| | |
|---|---|
| Technology / Type | RS-232 (full-duplex) / RS-485 (half-duplex)Galvanic isolation |

## Wireless communication

| | |
|---|---|
| Band | 802.11 b/g/n (2.4 GHz.) |
| Technology / Interface | Wi-Fi |

### eManager ActIO

IoT programmable controllers with digital, analog inputs and relays

| CODE | TYPE | CPU | Memory | Analogue Inputs | Digital inputs | N° relays | Communications | Power supply |
|---|---|---|---|---|---|---|---|---|
| **eManager ActIO** | | | | | | | | |
| D201000012000 | eManager ACTIO 1072 | ARM Cortex A7 700 MHz | 256 MB \| 512 MB NAND | 7 | 10 | 2 (6 A) | RS232/485 \| Ethernet \| Wi-Fi | 85 ... 264 V~ |
| D301000012000 | eManager Pro ACTIO 1072 | ARM Cortex A7 800 MHz | 512 MB \| 8 GB eMMC | 7 | 10 | 2 (6 A) | RS232/485 \| Ethernet \| Wi-Fi | 85 ... 264 V~ |
| D301100012000 | eManager Pro GPRS ACTIO 1072 | ARM Cortex A7 800 MHz | 512 MB \| 8 GB eMMC | 7 | 10 | 2 (6 A) | RS232/485 \| Ethernet \| Wi-Fi \| GPRS | 85 ... 264 V~ |
| D301100030000 | eManager Pro GPRS ACTIO 80 | ARM Cortex A7 800 MHz | 512 MB \| 8 GB eMMC | | | 8 (2 A) | RS232/485 \| Ethernet \| Wi-Fi \| GPRS | 85 ... 264 V~ |
| D301200012000 | eManager Pro 4G ACTIO 1072 | ARM Cortex A7 800 MHz | 512 MB \| 8 GB eMMC | 7 | 10 | 2 (6 A) | RS232/485 \| Ethernet \| Wi-Fi \| 4G EMEA | 85 ... 264 V~ |
| D301200060000 | eManager Pro 4G ACTIO 221 | ARM Cortex A7 800 MHz | 512 MB \| 8 GB eMMC | | 2 | 1 (6 A) | RS232/485 \| Ethernet \| Wi-Fi \| 4G EMEA | 85 ... 264 V~ |



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