

# ROQSTAR Unmanaged Gigabit PoE Switch

## 10 Ports / M12

Product number 006-130-116



### Features & Applications

- 10/100/1000 Mbit/s
- PoE budget 80W, supply 24V, galvanically isolated
- Gigabit backbone networks
- Backbone for CCTV
- Backbone for passenger Wi-Fi
- Real-time passenger information
- Quick installation and easy maintenance



## Technical Specifications

### Connectors

|                            |                      |
|----------------------------|----------------------|
| M12 d-coded Ethernet ports | 8 x 10/100 Mbps      |
| M12 x-coded GE ports       | 2 x 10/100/1000 Mbps |
| M12 a-coded male           | 1 x power supply     |

### Physical

|                        |                            |
|------------------------|----------------------------|
| Enclosure              | Aluminium, die-cast        |
| Protection class       | IP54                       |
| Installation           | Wall mount/any orientation |
| Dimensions (W x D x H) | 175 x 52 x 121 mm          |
| Weight                 | 750 g                      |

### Environment

|                               |                            |
|-------------------------------|----------------------------|
| Ambient temperature operating | -40°C ... +70°C            |
| Ambient temperature storage   | -40°C ... +85°C            |
| Ambient humidity              | 10% ... 90% non condensing |

### LED display

|                              |                         |
|------------------------------|-------------------------|
| System LEDs                  | V1, V2 for power supply |
| LEDs Gigabit Ethernet ports  | Link/activity, speed    |
| LEDs Fast Ethernet PoE ports | Link/activity, PoE      |

### MTBF

|      |             |
|------|-------------|
| 25°C | 790 608 hrs |
| 60°C | 296 562 hrs |

### Power non PoE

|                    |                                 |
|--------------------|---------------------------------|
| Power consumption  | 5W at 24VDC                     |
| Power supply input | V1, V2 dual, polarity protected |

### PoE Features

|                         |                                 |
|-------------------------|---------------------------------|
| PoE/PoE+ ports          | 8                               |
| Operating voltage       | 16...52 VDC, polarity protected |
| Rated PoE power         | 80W total                       |
| Max. PoE power one port | 30W                             |
| PoE classes             | PoE Class 0, 1, 2, 3, 4         |

### Approvals

|             |                           |
|-------------|---------------------------|
| E-Mark      | UNECE R10, UNECE R118     |
| Rail        | EN50155, EN45545          |
| Environment | EN50155                   |
| IBIS-IP     | Compliant                 |
| ITxPT       | Laboratory test compliant |

### Layer 2 features

|                    |      |
|--------------------|------|
| L2 MAC address     | 16k  |
| Jumbo Frames (MTU) | 10kB |

## Drawings

