# TECHNICAL SPECIFICATION

ATREYO®
SOLUTIONS THAT SIMPLIFY

## 2 Digit Parking Vacancy Display

## APDIS-1S




### Features

- 1 to 6 digit display
- Number and animated arrow
- Multicolour for clear indication
- Real time communication
- Wide viewing angle
- Safe power supply 12-36V

The APDIS-2S is display dedicated to multiuser parking for indicating number of free parking spaces and direction to them. APDIS-2S is the part of parking management system and can be controlled by central command from computer through wired data interface. Display has multicolour display capability to make indication more clear to the driver when he is searching for parking place. Animated arrow displayed on the display are more clear visible than static signs.

| Description | Parameter |
|---|---|
| **Display size** | |
| Display type | LED |
| Display area size | 384×192mm (W x H) |
| Pitch of pixels | 6mm |
| Display resolution | 64×32 |
| Angle of viewing | 120°V, 120°H |
| Intensity of Light | 6000 cdm or more |
| Font size | 7 sizes |
| **Controller** | |
| Controller processor | ARM |
| Firmware update | by USB pendrive |
| **Serial interface[1]** | |
| Interface type | RS485 |
| Interface protocol | Modbus RTU |
| Baud-rate | 9600 |
| Protection | Surge by TVS |
| Connector Type | Pluggable screw connector |

| Description | Parameter |
|---|---|
| **Ethernet[2]** | |
| Interface type | Ethernet 10MBps |
| Interface protocol | Modbus over TCP/IP |
| Ethernet Connector | RJ45 with LED indicators |
| **User interface** | |
| 3 keys | For modbus address configuration |
| **System functions indicators** | |
| Indicators | Activity – Red<br>Power – Green |
| **Power supply** | |
| Voltage range | 12-36V DC |
| Power consumption | Max 20W |
| Connector | 3 pin (+, -, earthing) pluggable screw socket |
| **Physical characteristics** | |
| Body size | 415×230×40mm (W x H x D) |

1 please select from "ordering information" chart

2 please select from "ordering information" chart

| Description | Parameter |
|---|---|
| **Body material** | Powder coated GI |
| **Protection** | IP54 (on special order IP65) |
| **Weight** | ~8kg |
| **Environmental specification** | |
| **Operating temp.** | -20 ~ 65°C (-4 ~ 149°F)<br>-25 ~ 70°C (-13 ~ 258°F)<br>(extended range optional) |
| **Storage temp.** | -40 ~ 85°C (-40 ~ 185°F) |

| Description | Parameter |
|---|---|
| **Ambient RH** | 5% ~ 95% (non-condensing) |

### Standard model list

These are models in regular production. Other models are only made on order with a minimum order quantity. Please contact us if you require a custom order.

| Models | Hardware Options | | |
|---|---|---|---|
| | Communication | | More info |
| | Ethernet | Modbus RTU | |
| APDIS-2S-R4 | | ✓ | It can work on same network with sensors |
| APDIS-2S-E | ✓ | | |

**For more details scan or click on QR code**


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