

# TECHNICAL SPECIFICATION

## 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
<b>Display size</b>	
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
<b>Controller</b>	
Controller processor	ARM
Firmware update	by USB pendrive
<b>Serial interface<sup>1</sup></b>	
Interface type	RS485
Interface protocol	Modbus RTU
Baud-rate	9600
Protection	Surge by TVS
Connector Type	Pluggable screw connector

<sup>1</sup> please select from "ordering information" chart

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

<sup>2</sup> please select from "ordering information" chart

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

Description	Parameter
<b>Ambient RH</b>	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	✓		

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