TECHNICAL SPECIFICATION

ATREYO®
SOLUTIONS THAT SIMPLIFY

2 Digit Parking Vacancy Display

APDIS-1S



Features

- **1 to 3 digit display**
- **Number and animated arrow**
- **Multicolour for clear indication**
- **Real time communication**
- **Wide viewing angle**
- **Safe power supply 12-36V**

The APDIS-1S is display dedicated to multiuser parking for indicating number of free parking spaces and direction to them. APDIS-1S 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	192×192mm (W x H)
Pitch of pixels	6mm
Display resolution	32×32
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

1 please select from "ordering information" chart

Description	Parameter
Connector type	Pluggable screw connector
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 Power – Green
Power supply	
Voltage range	12-36V DC
Power consumption	Max 20W
Connector	3 pin (+, -, earthing) pluggable screw socket

2 please select from "ordering information" chart

Description	Parameter
Physical characteristics	
Body size	440×400×230mm (H x W x T)
Body material	Powder coated GI
Protection	IP54 (on special order IP65)
Weight	~8kg
Environmental specification	
Operating temp.	-20 ~ 65°C (-4 ~ 149°F) -25 ~ 70°C (-13 ~ 258°F) (extended range optional)

Description	Parameter
Storage temp.	-40 ~ 85°C (-40 ~ 185°F)
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-1S-R4		✓	It can work on same network with sensors
APDIS-1S-E	✓		

For more details scan or click on QR code

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