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USB/RS232/isolated RS422/RS485 - WiFi

USB/RS232/isolated RS422/RS485 - LAN

MODBUS TCP - MODBUS RTU

LAN - WiFi



PRICE

dealer	119 €
end user	136 €

Technical data

Ethernet/WiFi module	USR-WIFI232-D2
Standard	IEEE 802.11 b/g/n
Frequency Range	2.412 - 2.484 GHz
Serial Interface	USB 1.1, USB 2.0
RS232: 300b/s - 115kb/s	
RS422/RS485: 300b/s - 460kb/s	
Serial Line Formats	5, 6, 7 or 8 Data bits, 1-2 Stop bits
Parity	odd, even, none, mark, space

Flow Control	XON/XOFF (software), CTS/RTS (hardware), none
RS485 transmitter control	RS485 mode by setting SW
RS422 receiver control	permanent
isolation RS422/RS485	1kV
overvoltage protection RS422/RS485	200V/1000ms
Ethernet	10/100 Mb/s
GPIO	3
Wireless Network Type	Station/AP Mode
Security Mechanism	WEP/WPA-PSK/WPA2-PSK
Encryption Type	WEP64/WEP128/TKIP/AES
Work Mode	Transparent Transmission
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Serial Command
GPIO mode
HTTPD Client mode

Setting Command	AT+instruction set
Network Protocol	TCP/UDP/ARP/ICMP/DHCP/DNS/HTTP
Max. TCP Connection	32
User Configuration	LAN, WiFi, Web Server+AT command config
Optical Indication	PWR, RxD, TxD, LINK, NET1, NET2, READY

link activity

Connector Antenna	SMA
Connector USB	mini USB
Connector RS232	DB9M
Connector RS422 / RS485	4-pin removeable screw
Connector Power Supply	plug 1.3mm
Power Supply	5V DC from USB, external 9 - 32V DC
Consumption	max. 3W
Dimension (w/o antenna)	85 x 80 x 20 mm