

SmartFlex SR300

FLEXIBLE, ADAPTABLE LAN ROUTER



HW SPECIFICATIONS

PORTS, LED, ANTENNAS	
5x ETH ports	RJ45, 10/100 Mbps
LED Indicators	PWR, ETH, USR, POE, IN0, IN1, OUT
Wi-Fi Antenna (sold separately)	R-SMA connector
USB	USB Host connector 2.0
SD Card	1x Micro SD Card slot (rear panel)
RST	RESET button (rear panel)

POWER	
Power Supply (sold separately)	10 – 60 VDC (2-Way Molex connector)
Power Consumption	Idle: 2.5 W Average: 4 W Peak: 11 W Sleep Mode: 10mW
ENVIRONMENTAL	
Temperature Range	Operating: -40 to +75 °C Storage: -40 to +85 °C
Humidity	Operating: 0 to 95 % Storage (Non-condensing): 0 to 95 %
Cold Start	-35 °C
Operating Altitude	2000 m / 70 kPa
Ingress Protection Rating	IP30

WI-FI - 802.11 A/B/G/N, AP OR CLIENT MODES *Optional	
Supported Wi-Fi band	2.4 GHz, 5.4 GHz
Encryption	None, WEP, TKIP, AES
5 GHz supported channels	36, 40, 44, 48, 52, 56, 60, 64, 149, 153, 157, 161, 165
2.4 GHz supported channels	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14
Number of clients	10
Authentication	Open, Shared, WPA-PSK, WPA2-PSK

POE PARAMETERS	POE PD parameters for opposite PSE	POE PSE
Input voltage range	42.5 – 57 V	44 – 57 V, 65 W
Power available	25.50 W	2x 25.50 W (ETH0, ETH1)
Maximum current	600 mA	
Insul. Strength	1.5 kV from the router	none
Standards IEEE 802.3at-2009 (PoE+) and IEEE 802.3af-2003 (PoE) supported. Cabling needed is Category 5, up to 12.5 Ω. It is possible to use a passive PoE injector		

MECHANICAL	
Plastic or metal case with plastic or metal DIN rail	
Enclosure Dimensions	55x97x125 mm
Weight Plastic	170 g
Weight Metal	375 g

SOFTWARE	
Network and Routing	DHCP Server, , DHCP Client, NAT/PAT, VRRP, Dynamic DNS client, DNS proxy, VLAN, QoS, NTP Client/ Server, IGMP, BGP, OSPF, RIP, SMTP, SMTPS, SNMP v1/ v2c/ v3, Backup routes, PPP, PPPoE, SSL, Port Forwarding, Host Port Routing, Ethernet Bridging
Security	HTTPS, SSH, VPN tunnels, SFTP, Firewall (IP Filtering, MAC address filtering, Inbound and outbound Port filtering), DMZ (via iptables)
VPN Tunnelling	Open VPN client and server and P2P, L2TP, PPTP, GRE, EasyVPN, DMVPN, IPSec with IKEv1 and IKEv2
Configuration	Web server, SSH, Four configuration switchable profiles, Automatic configuration update from server Backup configuration, Restore configuration
Firmware Management	Automatic firmware update from server, Locally via LAN and USB, Over-the-Air software updates
Diagnostic	One CLICK report – current configuration / factory identification / system log / kernel log / reboot log / routing table, Remote diagnostics possible via SSH
Status	Network Status, DHCP Status, IPSec Status, Statistics history for last 60 days
Log	System Log, Reboot Log, Kernel Log
Controlling and Diagnostic	SNMP v1/v2c/v3, Statues, Log
Event Engine	StartUp script & Up/Down script (Bash), Digital Input, Network Parameters, Data Usage, Timer, Power, Device Temperature Report Types: email, SNMP Trap
Other	IPv6 support

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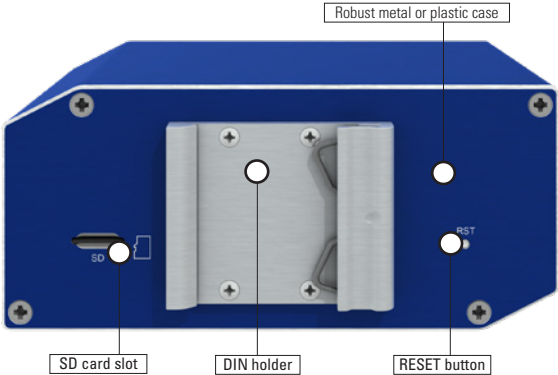
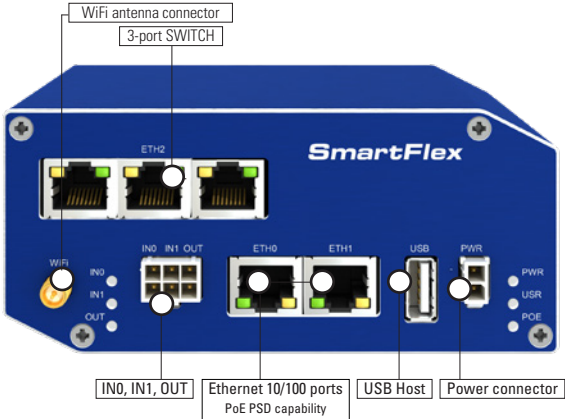
STANDARDS AND REGULATIONS

INDUSTRY CERTIFICATIONS & APPROVALS	
	SR300 - EMEA
Radio	ETSI EN 300 328 V2.1.1, ETSI EN 301 893 V2.1.1
EMC	ETSI EN 301 489-1 V1.9.2, ETSI EN 301 489-1 V2.1.1, ETSI EN 301 489-17 V3.1.1
Safety	EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013 + AC:2011, EN 62311:2008 UL C1D2 and ATEX: UL 60950-1, 2nd ed. + am1 + am2 * CAN/CSA C22.2 No. 60950-1-07, 2nd ed. + am1 + am2 * UL E486108 * ATEX II 3 G Ex nA IIC T4 Gc, DEMKO 16 ATEX 1801X *

* Excluding versions with PoE PSE.

ACCESSORIES

ORDER CODE	DESCRIPTION
BB-AW-A2458G-FSRPK	Antenna Wi-Fi, 2.4 & 5.8 GHz
BB-RPS-v3-M02-M	SmartFlex Power Supply, 12V/1A
BB-RPS-v3-PSE	SmartFlex Power Supply, 48V/1.35A (power cord required)
BB-PWRCORD-US	USA - Power Supply Power Cord
BB-PWRCORD-EU	EU - Power Supply Power Cord
BB-PWRCORD-UK	UK - Power Supply Power Cord
BB-PWRCORD-AUS	AU - Power Supply Power Cord
BB-SBD40	DIN Rail Clip - metal
BB-KN-v3-M02-3	PS Cable 2-wire, MO 2 pins, 3m, v3 routers
BB-KIO-v3-M06-3	IO Cable 6-wire, 3m, v3 routers



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