

Your Infomobility Partner

S2LAN is an automotive, Linux Embedded platform, designed for implementation of cost-effective RS232 or RS485 to LAN gateways.

S2LAN is delivered with factory pre-installed ready-to-use Linux image which permits to activate «transparent» point to point connections between a non-IP device and remote IP device sockets. For more demanding applications S2LAN may be provided with an application development tool kit and customer support.

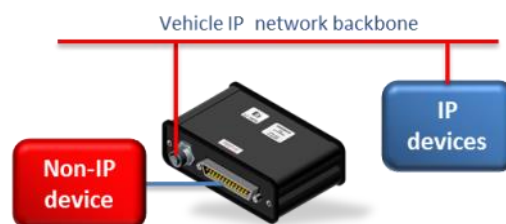
S2LAN may also be provided with customized solutions to fulfill specific user needs.



Application in EBSF¹ compliant IP network architectures

S2LAN can be used to integrate current production, non IP devices such as line indicators, ticketing machines, in a EBSF compliant vehicle LAN back-bone. In order to facilitate the development of EBSF compliant gateway applications, the complete EBSF protocol infrastructure is included in the factory built Linux image.

PROCESSOR	ARM9 @ 75 Mhz
OPERATING SYSTEM	Linux Embedded
MEMORY	4 MB Flash 8 MB SDRAM
INTERFACE	1x RS232 (S2IP-SL2) or RS485 (S2IP-SL4) 1x LAN M12 Ethernet connector, 4 ways Female D-coded
LAN	10/100Base-T 10/100 Mbps (auto sensing) Full or Half-duplex (auto sensing)
LINUX Network Services	TCP/UDP, ICMP, ARP, RARP, BOOTP, DNS, DHCP, TFTP, Telnet, bridge-utils 1.4, cherokee 0.99.9, iproute2 2.6.38, net-snmp 5.4.2, openntpd 3.9p1, ppp 2.4.4
POWER	9-36 VDC, overvoltage & polarity inversion protection Consumption 1,5W
TEMPERATURE	Operating -30° to +70° C, +80° for 30 min. Storage -40° to +90° C
ENVIRONMENTAL	Standard IP 54 (IP67 on request)
HUMIDITY	5-95% relative humidity non condensing
COMPLIANCE	Environmental: E-mark ECE R10-04 EN 50155 (Humidity, Ambient air temperature, Storage temperature) ² EN 50155 (Power supply voltage interruption, Surges, Isolation resist.) ² EN 60068-2-64 (Vibration, broad-band random and guidance) ² LAN Interface: FCC Part 15 Class B, EN 55022 Class B, EN 61000-3-2 and EN 61000-3-3 ICES-003 Class B, VCCI Class II, AS 3548, FCC Part 15 Sub C Section 15.247 IC RSS-210 Issue 5 Section 6.2.2(o), EN 300 328, EN 301 489-17, UL 60950-1 EN 60950 (EU), CSA C22.2, No. 60950, EN 55024



Ordering Information	
PLSP010001	Serial To LAN Adapter RS232
PLSP010002	Serial to LAN Adapter RS485
SLSP010002	LINUX OS + Standard Sw

1) European Bus System of the Future (www.ebsf.eu) is a European Project coordinated by UITP (www.uitp.org)
2) Available on request

Designs and specifications are subject to change without notice

