

# Managed Device Server Switch

## L108-F2G-S2-12VDC

- Compact device server switch for legacy application
  - Flexible SFP transceiver design
  - Advanced WeOS Layer 2 functionality
  - Low power consumption
- Robust for long service life
  - 517,000 hours MTBF to MIL-HDBK-217K
  - -40 to +70°C (-40 to +158°F) with no moving parts
- Unique future proof industrial networking solutions
  - Legacy IP solutions
  - Network IP Security and remote access
  - Multiple network resilience solutions



Lynx DSS is the most compact, and has the lowest power requirements, in this class of device servers. It has four pieces of 10/100 Mbit/s ports in addition to two ports which can be fitted with Gbit or 100 Mbit SFP transceivers and two serial ports. One serial port is configured for RS-232, the other one can be configured for either RS-232 or RS-422/485.

Lynx DSS is designed for simple use in industrial applications, from the robust DIN rail clip solution to the configurable fault contact and the industrial level of dual power inputs.

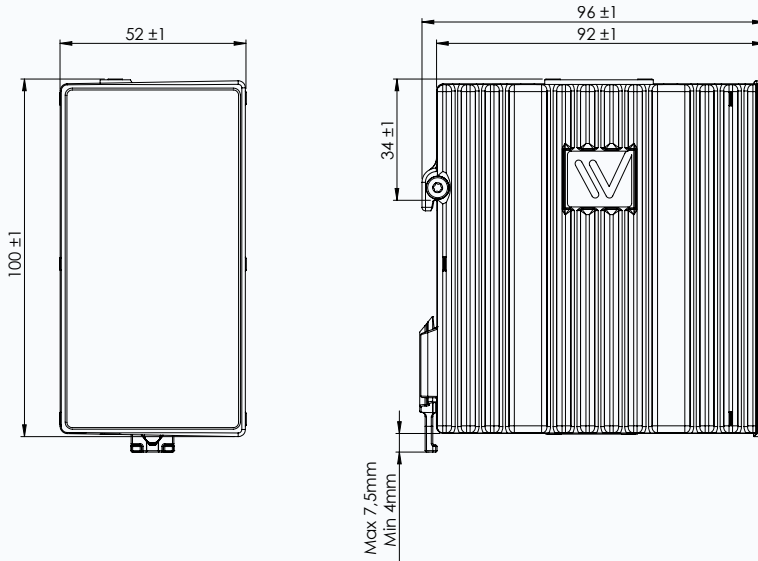
Only industrial grade components are used which gives Lynx DSS an MTBF of 517,000 hours and ensures a long service life. A wide operating temperature range of -40 to +70°C (-40 to +158°F) can be achieved with no moving parts or cooling holes in the case. Lynx DSS has been tested both by Westermo and external test institutes to meet many EMC, isolation, vibration and shock standards, all to the highest levels suitable for heavy industrial environments and rail trackage applications.

WeOS has been developed by Westermo to offer cross platform and future proof solutions. WeOS can deliver 20 ms ring recovery performance, even for networks with a video or Ethernet/IP traffic. For more WeOS functionality, please see the WeOS datasheet.

Ordering information	
Art. no.	Description
3643-0240	L108-F2G-S2-12VDC, Managed device server switch
1211-2027	CLI cable (console) (Accessories)
1211-2210	RJ-45 to DB9 cable (Accessories)
3125-0001	PS-30, power supply, DIN mounted (Accessories)

# Specifications - L108-F2G-S2-12VDC

## Dimensional drawing



## Technical data

Dimensions (W x H x D)	52 x 100 x 96 mm (2.05 x 3.94 x 3.78 inches)
Dimensions with connectors	52 x 119 x 101 mm (2.05 x 4.69 x 3.98 inches)
Weight	0.7 kg
Rated voltage	12 to 24 VDC
Operating voltage	9.8 to 36 VDC
Rated current	470 mA (820 mA) at 12 VDC (with 500 mA USB load) 230 mA (390 mA) at 24 VDC (with 500 mA USB load)
Ethernet TX	4 x RJ-45, 10 Mbit/s, 100 Mbit/s
Serial ports <sup>a</sup>	1 x RJ-45, RS-232, 50 bit/s to 115.2 kbit/s
Digital I/O	1 x 4-position detachable screw terminal
USB	1 x USB 2.0 host interface
Console	1 x 2.5 mm jack, use only Westermo cable 1211-2027
Operating temperature	-40 to +70°C (-40 to +158°F)
Storage and transport temperatures	-50 to +85°C (-58 to +185°F)
MTBF	517,000 hours (MIL-HDBK-217K)
Ingress protection	IP40

<sup>a</sup>One configurable port for RS-232 or RS-422/485

Type	Approval/Compliance
EMC	<ul style="list-style-type: none"> <li>EN/IEC 61000-6-1, Immunity residential environments</li> <li>EN/IEC 61000-6-2, Immunity industrial environments</li> <li>EN/IEC 61000-6-3, Emission residential environments</li> <li>EN/IEC 61000-6-4, Emission industrial environments</li> <li>EN 50121-4/IEC 62236-4, Railway signalling and telecommunications apparatus</li> </ul>
Safety	<ul style="list-style-type: none"> <li>EN/IEC 60950-1, IT equipment</li> </ul>