

Header Stripping HS1100

Technical Data Sheet

Product Description

Header Stripping HS1100

Header Stripping HS1100 is a Smart Appliance which provides header stripping and tunnel termination capabilities. Top performances are granted, thanks to its FPGA based design.

It can provide different type of header stripping: MPLS, GTP-U, GRE, VLAN, VXLAN, ERSPAN and VN-TAG. Moreover, it can be used to terminate ERSPAN and GRE tunnels originated by the virtual Infrastructure nodes, so to distribute the clean data traffic to analysis tools.

Easy to configure, it can be use stand alone or as a Service Node together with other Network Packet Brokers, either the Microtel Innovation ones or from any third party manufacturer.

Key features

- 4X10Gb/s input/output ports in 1U Appliance, redundant power supply
- Flexible header stripping capabilities:
 - * 40G input traffic managed
 - * MPLS, GTP-U, GRE, VLAN, VXLAN, ERSPAN and VN-TAG header stripping
 - * ERSPAN and GRE tunnel termination (ARP responding)
 - * Ethernet FCS (Frame Check Sequence) recalculated



Header Stripping HS1100

Highlights

- Monitor NFV overlay networks with your actual tools, just use HS1100 to remove VXLAN and GRE headers, or to terminate ERSPAN and GRE tunnels
- FPGA based design for increased flexibility and performances
- Easy to install and operate: just connect the device to the data link, and it will provide in the output port the original data but header stripped
- Easy to order, all ports enabled, no additional licences needed

HeaderStripping-HS1100 – Ordering Information

HS1100-AC	Header Stripping HS1100, 1RU, 19" rack mount, with 4X10G input output ports. (SFP+ not included), All ports enabled. 220V AC Redundant Power Supply
HS1100-DC	Header Stripping-HS1100, 1RU, 19" rack mount, with 4X10G input output ports. (SFP+ not included), All ports enabled. 48V DC Redundant Power Supply
SFP+-HR/L-11	10 GE Base-SR (850 nm) Multi-Mode with LC connector
SFP+-HP/L-14	10 GE Base-LR (1310 nm) Single-Mode with LC connector
SFP+-HQ/L-15	10 GE Base-ER (1550nm) Single-Mode with LC connector

Operating	Power	Dimensions	Regulatory
<ul style="list-style-type: none">• Operating temperature: 0°C to 40°C (32°F to 104°F)• Operating Humidity: 10% to 90% non-condensing	<ul style="list-style-type: none">• Redundant, load sharing, AC or 48V DC PSUs• Input voltage 100V to 240V AC, 36V to 72V DC.	<ul style="list-style-type: none">• Chassis 1U, 19" rack mount, (WxDxH): 482.6 mm x 420 mm x 44 mm (19 in x 16,54 in x 1.73 in)• Weight: 6 Kg (13,23 lbs)	<ul style="list-style-type: none">• CE compliant

Packet Deduplication DD1100

Technical Data Sheet

Product Description

Packet Deduplication DD1100

Packet Deduplication DD1100 is a Smart Appliance which provides high performance de-duplication capabilities.

DD1100 uses an onboard FPGA with acceleration features, granting top performances and high flexibility: selected packet fields are configurable for duplicate detection, with detection intervals between 66ms and 1s.

Easy to configure, it can be used stand alone or as a Service Node together with other Network Packet Brokers, either from Microtel Innovation or from any other manufacturer.

Key features

- 4X10Gb/s input/output ports in 1U Appliance, redundant power supply
- High performance and flexible packet de-duplication capabilities:
 - * 40G input traffic managed
 - * Flexible window configuration: from 66ms to 1s
 - * Different part of the packet can be skipped during the duplicate detection:
 - * Always skipped: VLAN and MPLS encapsulation, Destination MAC and Source MAC in L2 header
 - * Optionally skipped: L3GRE, GTP-U, GTP-C, IP-in-IP



Packet Deduplication DD1100

Highlights

- When SPAN ports are used, this can result in sending duplicated packets to the monitoring tools. Use DD1100 to remove them, so improving monitoring tool efficiency, accuracy, and recording space requirements, while lowering overall costs.
- Easy to configure and start up, just connect the device to the data link and it will provide in the output port the de-duplicated packets
- FPGA based design for increased flexibility and performances
- Easy to order, all ports enabled, no additional licences needed

PacketDeduplication-DD1100 – Ordering Information

DD1100-AC	Packet Deduplication DD1100, 1RU, 19" rack mount, with 4X10G input output ports. (SFP+ not included), All ports enabled. 220V AC Redundant Power Supply
DD1100-DC	Packet Deduplication DD1100, 1RU, 19" rack mount, with 4X10G input output ports. (SFP+ not included), All ports enabled. 48V DC Redundant Power Supply
SFP+-HR/L-11	10 GE Base-SR (850 nm) Multi-Mode with LC connector
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