

## Product Description

### 1/10Gb/s Packet Broker

Aster A-618 is a Microtel's packet brokers for 1/10Gb/s links, providing the capability to filter and aggregate network traffic with a single tool, no matter if 1Gb/s or 10Gb/s interfaces are used, and to load balance towards the monitoring tools at different speeds.

Microtel Packet Brokers make monitoring and security tools more effective, by giving them access to a range of data from across the entire network. Blind spots are reduced, giving tools the visibility they need to identify and tackle performance and security threads.

### Key features

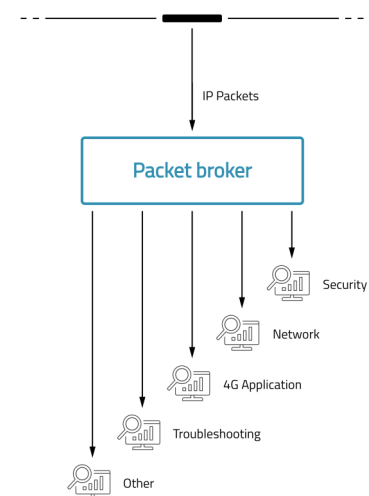
- **Input/output ports:**
  - \* Up to 20x1/10Gb/s input/output ports, which can also be simultaneously configured as input and output,
- **Filtering and Aggregation:**
  - \* Filtering based on a variety of L2, L3, L4 header,
  - \* User defined bytes UDB filtering, supported in the first 128 bytes of the packet,
  - \* Selective aggregation: Any to Any, Many to One, One to Many,
- **Load Balancing,**
  - \* Distribution of the input traffic to the output ports in a balanced way, using session oriented Hash algorithm, working on the following header parameters:
    - ◇ L2 MAC address, L3 IPv4 address, L4 port UDP/TCP
- **VLAN Tagging,**
  - \* The device appends a VLAN ID to the packet header to identify which input port the packet has arrived from,
- **Management:**
  - \* GUI for local and remote management,
  - \* Real time statistics, counters and SNMP alarms.

Aster A-618



## Highlights

- Reduce CAPEX as you may use fewer monitoring tools by aggregating the traffic coming from multiple TAPs or SPAN ports;
- Feed the monitoring tools with the right data, by filtering the network traffic up to L4 or using UDB filtering capabilities;
- Enable service operators to keep using their 1Gb/s monitoring tools by adapting the speed of 10Gb/s data links;



### Aster A-618

Input/Output Capabilities			
<b>Number of 1/10Gb/s physical ports</b>	<b>Up to 20 to be equipped with 16 SFP or SFP+</b>		
Management			
<b>Management port</b>	<b>1x10/100/1000 Mb/s with RJ45 connector</b>		
<b>Protocols</b>	<b>IPv4, SNMPv1, HTTP</b>		
<b>Statistics and alarms</b>	<b>Real time statistics and counters for each input output ports SNMP alarms</b>		

### Aster A-618, –Ordering Information

<b>Main chassis (SFP/SFP+ not included)</b>	<b>A-618-FL-16GH (16 x 1/10Gb/s in/out ports fully licenced)</b>		
<b>Redundant power supply AC or DC</b>	<b>PS1-3/160-AC or PS1-5/160-DC</b>		

Operating	Power	Dimensions A-618/A-618T	
<ul style="list-style-type: none"> <li>Operating temperature: 0°C to 45°C</li> <li>Storage temperature: -10°C to 70°C</li> <li>Operating Humidity: 10% to 95% non-condensing</li> </ul>	<ul style="list-style-type: none"> <li>220-110 Vac 50-60 Hz</li> <li>48 Vdc hot swap power module</li> <li>Max consumption: 150 W</li> </ul>	<ul style="list-style-type: none"> <li>Chassis 1U surface or 19" rack mount 483 mm W, 440 mm D, 44 mm H</li> <li>Weight: (fully equipped): 4 kg (8.8 lbs)</li> </ul>	