

# Ethernet Frame L4 Payload Filter Device

This is our brand's Ethernet frame L4 payload filter device, which analyzes the received Ethernet frames and replaces the L4 payload portion of the user's IP packets with zeros. This device has multiple 10GbE ports and has the capability to mask the destination and source MAC addresses of the received Ethernet frames before output.

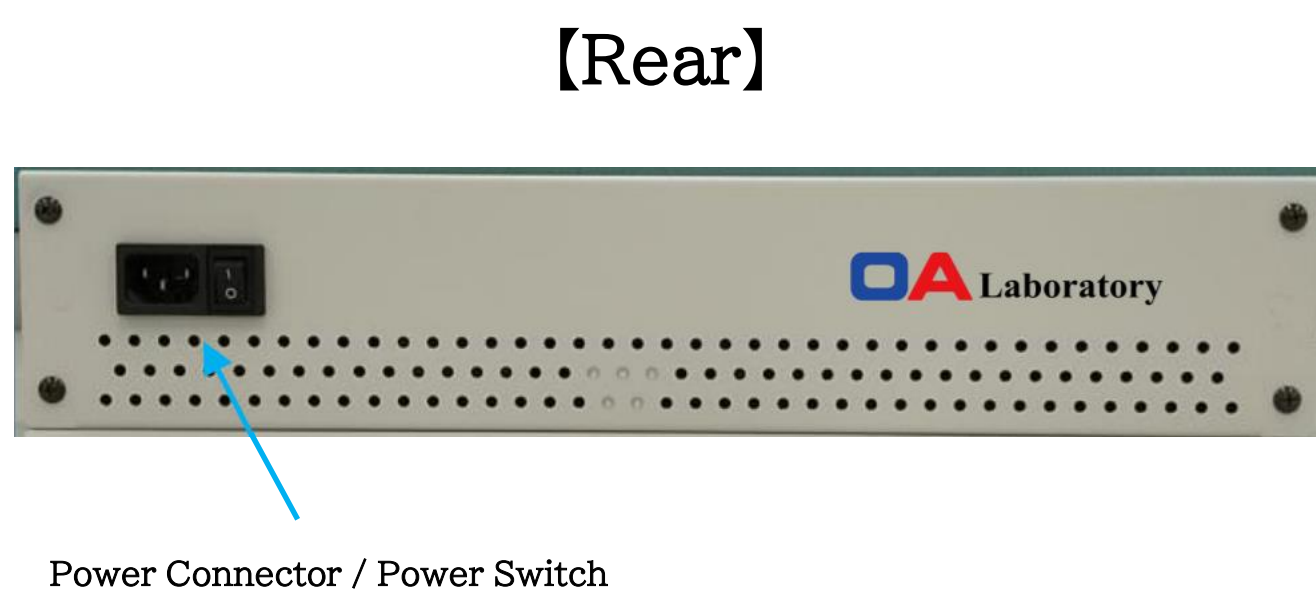
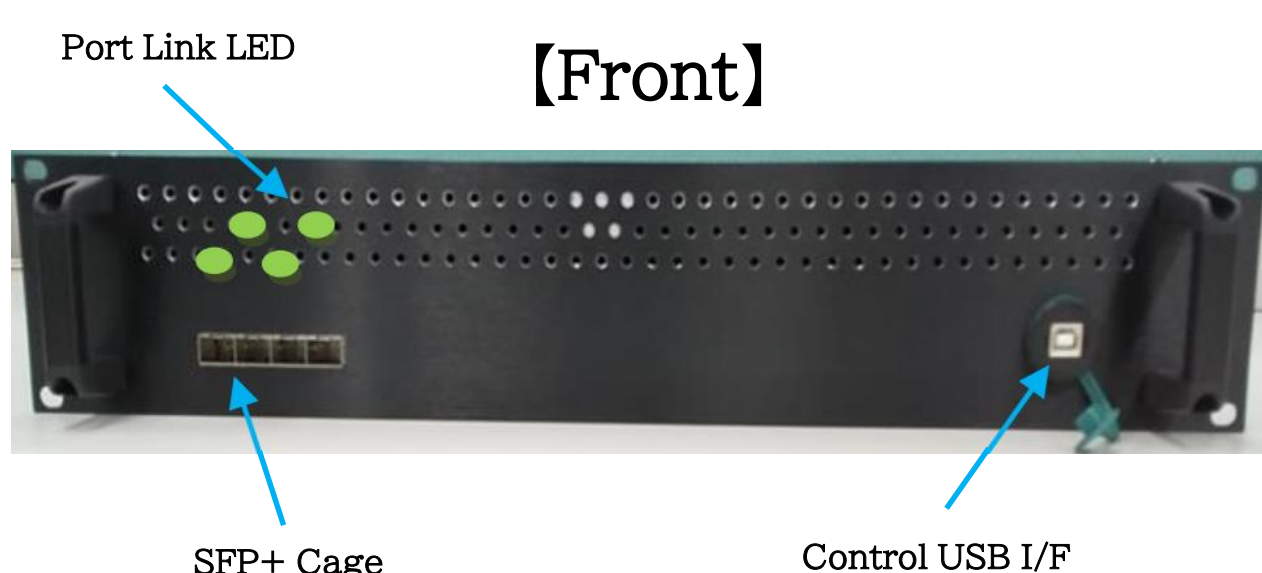
## 【Product Overview】

### 【Product Specifications】

|                                    |                                                                                  |
|------------------------------------|----------------------------------------------------------------------------------|
| Product Model Name                 | : 10GbE_L4PL0_FIL_BOX                                                            |
| Product Size ( Customizable)       | : W440mm × D360mm × H88.9mm ※Excluding protrusions. Compatible with 19inch racks |
| Weight                             | : 4Kg                                                                            |
| Power supply                       | : 100-120VAC(50Hz/60Hz), Maximum operating time:200W, System in standby mode:70W |
| Interface                          | : SFP+:10Gbase-SR,10Gbase-LR ※10G-BaseT⇒SFP+Conversion module(Includes 4pieces)  |
| Control settings/monitor Interface | : USB Type-B Connector                                                           |
| FAN forced air cooling             | : Variable speed, Side intake, Rear exhaust                                      |
| Operating temperature range        | : 0~40℃(Surrounding temperature)                                                 |
| Humidity                           | : 0~90%(No condensation)                                                         |

### 【Feature】

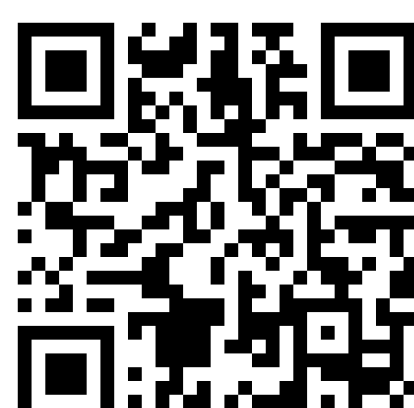
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|---------------------------------------|--------------------------------------------------------------------------------------------|
| Ethernet Frame processing treatment   | : Process the received Ethernet frame according to conditions(payload all-0)and output it. |
| Ethernet frame count for each process | : Input frame, FCS Error frame count, L4 all-0 frame count and so on                       |
| Link Fault Pass Through Function      | : Repeater link failure response function                                                  |
| L2/L3/L4 Length                       | : Retention,checksum recalculation function                                                |
| L2 MAC Address                        | : Upper 24-bit anonymity function                                                          |
| L3 IP Address/L4 port                 | : Retention function                                                                       |
| L3/L4 Payload                         | : Payload data "0" replacement function targeting arp/icmp/ip/gre, udp/tcp/setp, etc.      |
| Layer 2 Non-VLAN/MPLS                 | : L2 payload data '0' replacement function                                                 |



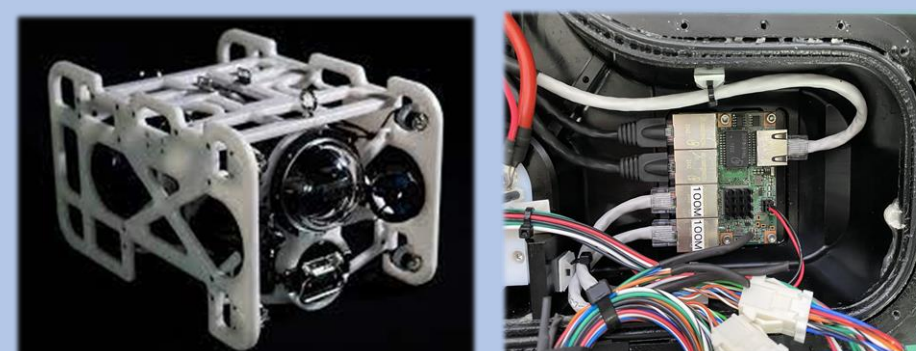
# Original Products/12-Port Gigabit L2 Switch module

## Embedded Ultra-compact Gigabit Switching Hub

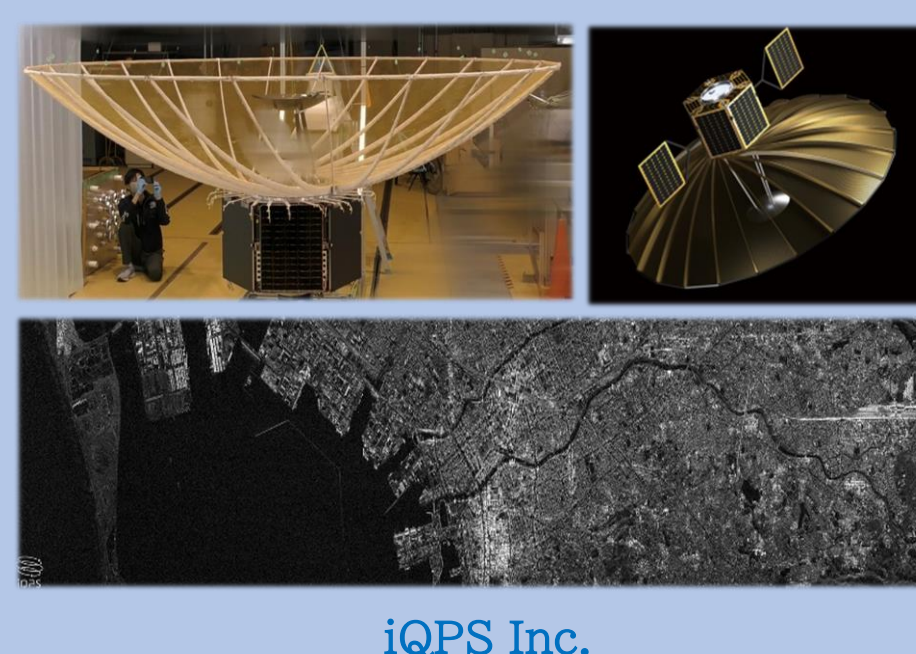
### EMB-5PG-L2SWH



### Case-1 Underwater Drone

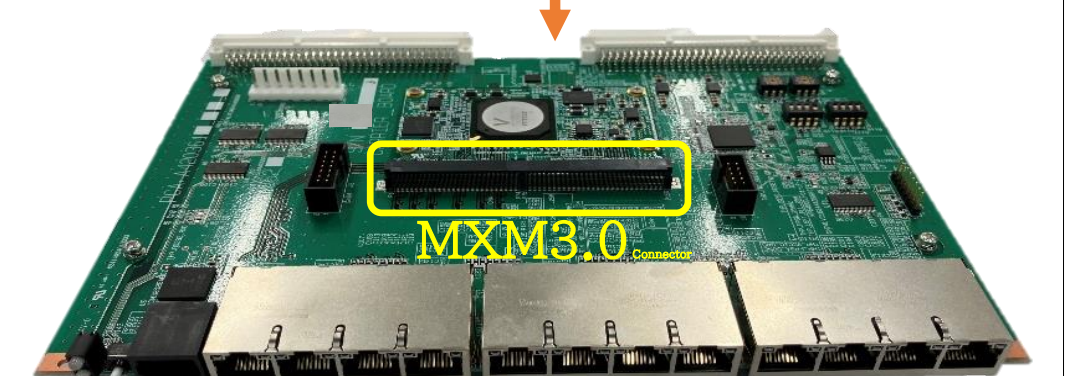


### Case-2 Small SAR Satellite



## 12-Port Gigabit L2 Switch module

SMARC compliant Module Size : 82mm(W)×50mm(D)×15mm(H)



Carrier board example,we can provide custom board design