

## HMC10G Series

### 10G Media Converter, RJ45 x 1, SFP+ x 1

HMC10G series are complete and versatile solutions for the applications such as FTTx, CWDM, and carrier Ethernet. By the diversified speeds of 1,000Mbps and 10G, Hobbes provides standalone HMC10G products for different applications and can be applied according to your ideal network topology.

Hobbes HMC10G series provide various interfaces such as UTP, SFP, SFP+, XFP and CX4. All these interfaces are developed to support the protocols such as 100Base-Tx, 100Base-Fx, 1000Base-T, 1000Base-X, 10GBase-T, 10GBase-LR, 10GBase-SR and 10GBase-CX4, thus making your network more complete and solid.

All HMC10G series are equipped with real-time LEDs which display the status of each port, thus allowing users to view network status easily.

HMC10G series provide an easy-to-access Management Webpage, allowing users to view system status, counters, and network statistics.

Also, HMC10G series support MIB Counter Report including counters such as Packet, Byte, Broadcast packet, Pause Frame, Length: 64 Bytes, Length: 65-127 Bytes, Length: 128-255 Bytes, Length: 256-511 Bytes, Length: 512-1023 Bytes, Length: 1024-1518 Bytes, Unicast packet, Multicast packet, CRC Error, IP Checksum Error, Under Size Packet, and Over Size Packet.








With various interfaces, HMC10G series provide different conversions between fibers and copper wires in 10G Ethernet.

#### Features

- Diversified interfaces including SFP, SFP+, RJ45, XFP and CX4
- Supports 3R (Re-generation, Re-timing, Re-shaping) Performance
- Supports Jumbo Frame
- Supports D/D (Digital Detection) functioned optical transceivers and overload protection
- HMC10G series support easy-to-use Management Webpage that allows users to view system status, counters, and network statistics
- Supports SNMP (Simple Network Management Protocol)
- Supports Link Loss Forwarding



## HMC10G Series Specification and Order information

| Model                     |   |   |   |  |   |   |   |                                       |  |
|---------------------------|---|---|---|--|---|---|---|---------------------------------------|--|
| Media Converter           |    |  |    |    |  |                            |  |                                       |  |
|                           | HMC10G-81   | HMC10G-22   | HMC10G-23   | HMC10G-82  | HMC10G-62   | HMC10G-33   | HMC10G-83   |                                       |  |
| Interface Ports           |   |   |   |  |   |   |   |                                       |  |
| Interface                 | Port A  | RJ45  | SFP+  | SFP+   | RJ45  | CX4   | XFP   | RJ45                                  |  |
|                           | Port B  | SFP   | SFP+  | XFP  | SFP+  | SFP+  | XFP   | XFP                                   |  |
| Transfer Rate             | 1000 Mbps   |   | 10G   | 10G  | 10G   | 10G   | 10G   | 10G                                   |  |
| Ethernet Mode             | 1000Base-T<br>1000Base-X  |   | 10GBase-LR<br>10GBase-SR  | 10GBase-LR<br>10GBase-SR   | 10GBase-LR<br>10GBase-SR<br>10GBase-T   | 10GBase-LR<br>10GBase-SR<br>10GBase-CX4   | 10GBase-LR<br>10GBase-SR  | 10GBase-T<br>10GBase-LR<br>10GBase-SR |  |
| Jumbo Frame               | 9KB   |   |   |  |   |   |   |                                       |  |
| System Control *          |   |   |   |  |   |   |   |                                       |  |
| System Control            | <ul style="list-style-type: none"> <li>• Transceiver Power ON/OFF</li> <li>• Selectable Auto/Force Media Type</li> </ul>  |   | <ul style="list-style-type: none"> <li>• System Upgrade (F/W, FPGA)</li> <li>• Link Connection Mode: Slave/Segment</li> </ul> |  |   | <ul style="list-style-type: none"> <li>• Loopback *</li> </ul>  |   |                                       |  |
| Device Status Report      |   |   |   |  |   |   |   |                                       |  |
| Status Report             | <ul style="list-style-type: none"> <li>• Information</li> <li>• Link Status</li> </ul>  |   | <ul style="list-style-type: none"> <li>• Temperature Detection</li> <li>• Module Detection</li> </ul>                         |  |   | <ul style="list-style-type: none"> <li>• Fiber Module Detection</li> <li>• Transceiver Overloading</li> </ul> |   |                                       |  |
| MIB Counter Report *      |   |   |   |  |   |   |   |                                       |  |
| Counter Report            | <ul style="list-style-type: none"> <li>• Packet</li> <li>• Broadcast packet</li> <li>• Length: 64 Bytes</li> <li>• Length: 128–255 Bytes</li> <li>• Length: 512–1023 Bytes</li> <li>• Unicast packet</li> <li>• CRC Error</li> <li>• Under size packet</li> </ul> |   |   | <ul style="list-style-type: none"> <li>• Byte</li> <li>• Pause Frame</li> <li>• Length: 65–127 Bytes</li> <li>• Length: 256–511 Bytes</li> <li>• Length: 1024–1518 Bytes</li> <li>• Multicast packet</li> <li>• IP Checksum Error *</li> <li>• Over size packet</li> </ul> |   |   |   |                                       |  |
| Hardware                  |   |   |   |  |   |   |   |                                       |  |
| Temperature               | <ul style="list-style-type: none"> <li>• Operating: 0°C~40°C (32°F~104°F)</li> </ul>  |   | <ul style="list-style-type: none"> <li>• Storage: 0°C~50°C (32°F~122°F)</li> </ul>  |  |   |   |   |                                       |  |
| Humidity (non-condensing) | <ul style="list-style-type: none"> <li>• Operating: 0%~85% RH</li> </ul>  |   | <ul style="list-style-type: none"> <li>• Storage: 0%~85% RH</li> </ul>  |  |   |   |   |                                       |  |
| Dimension                 | 147 x 89 x 28 mm  |   |   |  |   |   |   |                                       |  |

\*HMC10G-81 does not support Loopback functions.