

HDS 1008

HIGH-SPEED DATA SWITCH

EMPOWERING MULTI-DUT TESTING



PRODUCT

Applications: Enabling Multi-DUT Testing of Products with High-speed Data Lines in Production and Validation



NOFFZ HDS with different automotive connectors like HSD, MATeNet & H-MTD

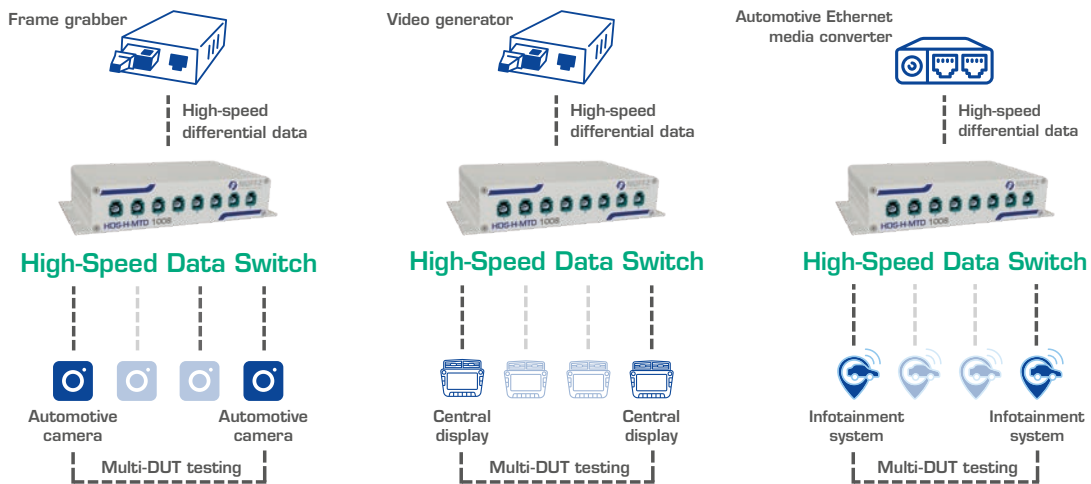
FEATURES AND HIGHLIGHTS

- › 8-Port differential high speed data switch
- › Different automotive connectors like HSD, H-MTD and MATeNet
- › Supports data streams up to 12 Gbps
- › Supports bidirectional data stream with backchannel communication
- › Controllable via Ethernet
- › API for .net, LabVIEW and TestStand are available
- › Easy access with web interface
- › Additional parts like 19" 1 U mounting panel and mounting brackets available

SUPPORTS

- › Automotive Video
FPD-Link III/IV; GMSL 2/3; APiX; GVIF; ASA Motion Link
- › Automotive Ethernet
100BASE-T1; 1000Base-T1
- › USB 1.0/2.0/3.x
- › PCIe
- › HDBase-T
- › MIPI A-PHY

EXAMPLE SETUP: DISPLAY TEST WITH HIGHSPEED DATA SWITCH



SPECIFICATIONS

Interfaces on Front Panel	8x HSD/H-MTD or MATeNet
Interfaces on Back Panel	1x HSD/H-MTD or MATeNet; Ethernet/LAN; DCPower
Switching Performance	Up to 12 Gbps
Temperature	Maximum operating temperature range: 0 °C to 85 °C; maximum environmental temperature is 35 °C
Operating Voltage	Unregulated 9 V to 36 V (12 V, 0.5 A recommended)