

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



Front



Rear

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

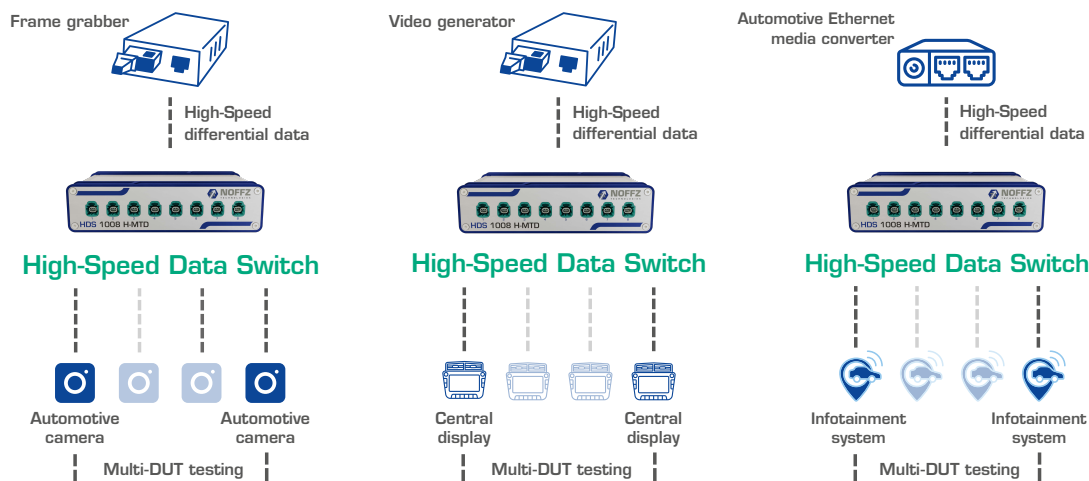
## FEATURES AND HIGHLIGHTS

- 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

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

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