

# Data Sheet CCA CS1-10G+

## Copy Station

High-performance data recording causes need for innovative data handling!

The Copy Station CCA CS1-10G+ is the ideal complement for your **ViGEM Car Communication Analyzer (CCA)**. The **CCA CS1-10G+** copies reliable and fast the data from a removable CCA data storage module via USB 3.0 parallel to max. 4 USB drives , or via 10 Gbit Ethernet interface to a server.

No drivers, no software and no PC connection is required. Simply insert the CCA removable data storage module, connect USB drives via USB 3.0 and start copying. All data will be copied automatically. The copy progress will be displayed.

CS1-10G+



Front | Data storage module bay and HMI



Rear | Data out

The certificate of conformity in accordance with the CE directives is sought.

CCA

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# Technical Data CCA CS1-10G+

## Copy Station

- Interface for data import: 1 x CCA removable data storage bay
- Interfaces for data export: 1 x 1 Gbit Ethernet RJ-45  
1 x 10 Gbit Ethernet RJ-45  
4 x USB 3.0 Host
- Power supply: DC 15 V (nominal)  
DC 13 V ... DC 25 V (range)
- Power consumption: ≤ 0,2 A (sleep)  
≤ 2 A (idle)  
4 A (average ± 10% tolerance)  
8 A (maximum)
- Dimensions (H x W x D): 70 x 335 x 200 mm
- Weight: 3,0 kg
- Housing: aluminium, powder-coated
- Environmental specifications: for use indoors, no condensing humidity, temperature range 0° ... +40° Celsius
- Copy data to external storage: 1x USB 3.0 drive → 120 MB/s maximum data transfer rate  
4x USB 3.0 drives simultaneously → 4 x ca. 100 MB/s maximum data transfer rate  
Providing data as network drive (NAS functionality) → 700 MB/s maximum transfer rate
- Supported file systems USB 3.0: NTFS, FAT32
- Configuration: via web interface or display
- Operation: stand alone by control elements and 4-line display or web browser

The CCA CS1-10G+ is a project-specific development. The certificate of conformity in accordance with the CE directives is sought.

Target Drive	Data Rate	Copy time for 1,96 TB
2 TB 2.5" HDD WD Elements USB 3.0	70 MB/s	< 8h
4 TB 3.5" HDD HGST USB 3.0	120 MB/s	< 5h
2 TB 2.5" SSD	120 MB/s	< 5h

The table left information on the USB copy speeds are examples that have been identified in the prototypical structure via USB 3.0. The practically achievable values depend heavily on the storage medium selected.

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