IPE DXS

Data Exchange Station for IPE DXD

IPE DXS

→ Fast and Easy Data Transfer

With the data exchange station IPE DXS and the data exchange device IPE DXD, measurement data can be uploaded to a default server configured on the station itself or to customized servers specified in configuration files on the individual drives (SFTP server or Azure Blob Storage). The IPE DXS accommodates up to 12 trays with measurement data at once. Via IP networks, it can be connected to the existing NAS (Network Attached Storage) for direct and efficient data transfer, using two 10 GbE connections. Depending on the requirements, further interfaces may be selected. The software recognizes the inserted storage media automatically and initializes the transfer according to the configuration of the drive.

> CPU: AMD EPYC 7282 (EPYC Gen. 2)
> RAM: 16GB
> SSD für OS: 1x 480GB M.2 ind. NVMe
> 2x 10Gbit Ethernet (SFP+)

> 1x Gbit Ethernet (RJ45)
> 5x USB 3.0 (Type A, 1x front, 4x back)
> 1x USB 2.0 (Type A, 1x front)
> Can be operated via modern & intuitive web interface

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Do you have any questions about the IPE DXS or a specific application? Our experts will be pleased to you with personal advice. Simply per e-mail **sales@ipetronik.com** or call **+49 (0) 7221 9922 222.**

Technical Data	
Working temperature range	0 ... 60 °C
Input voltage (operational)	100 ... 240 VAC
Power consumption standby	Typ. 14 VA
Power consumption idle	Typ. 115 VA
Power consumption load (*)	Typ. 173 VA
Dimensions	W433 mm x H89 mm x D588 mm
Weight	Typ. 12.8 kg

* The additional power consumption depends on the SSD used.

Advantages of the IPE DXS

> Fast and tethered data transfer (up to 10 Gbit/sec. Ethernet)
> Accommodation of up to 12 IPE DXD storage media
> Support of SFTP and Microsoft Azure Blob Storage as upload targets
> Simultaneous data upload from several loggers
> Additional support of USB drives as source
> Logger-independent upload
> Customized upload targets (specified on the IPE DXS or via configuration file)

IPE DXS Web-Interface

The user information is displayed on a connected screen or via web interface. With the web interface, you can also configure various settings on the station.

> Display of transfer progress & device status
> Display of network status & Proxy setting
> Monitoring of individual drives
> Process monitoring via "Device Logs"
> Server & time zone setting via "Settings"
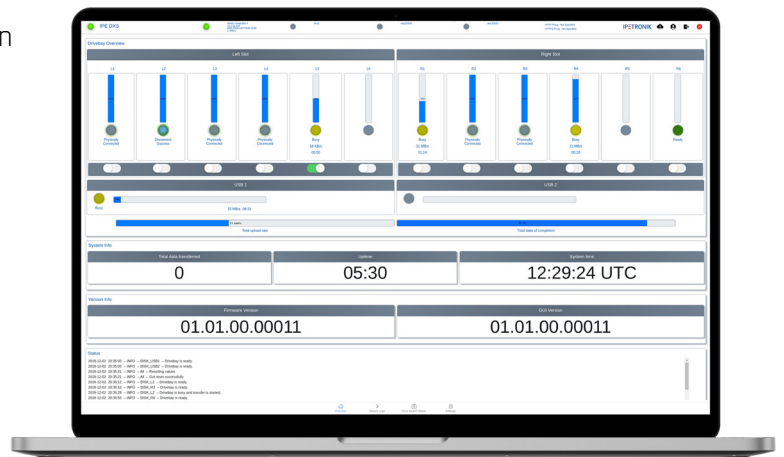
IPE DXS APPLICATION AREAS

→ FLEET TESTING

In fleet testing, large amounts of data must be transferred quickly to the system of the customer. The IPE DXS can accommodate up to 12 IPE DXDs and transfer the stored data simultaneously.

→ ENDURANCE TESTING

Quick and easy storage media changes maximize the efficiency of endurance testing. With the IPE DXS, you can already start to transfer the collected data to the system of the customer while the test is still running.

→ FAST & STABLE DATA UPLOAD

Simply insert the IPE DXD from the logger into the IPE DXS to start the data upload. The data transfer does not rely on WLAN or mobile networks and is therefore fail-safe and secure.

→ UPLOAD DESPITE BAD CONNECTION

Since the storage media are removed from the logger, the data upload does not interfere with running measurements. Slow or instable connections are no obstacle either.

→ UPLOAD OVER NIGHT

You can upload all of the day's measurement data over night. This means that you can turn off the loggers in your test vehicles and save power.

→ FLEXIBLE UPLOADZIELE

You can define both default targets and customized targets in the network. Set global targets on the IPE DXS or individual targets for each storage group via configuration files.

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