



V26-1

 **DEWESoft**
7 YEAR WARRANTY



CONNECTIVITY

A dual GigaBit LAN interface allows higher bandwidth and higher channel count. PTPv2 synchronization between devices Active PoE, a standardized power supply via Power over Ethernet, makes it easily daisy-chainable. All three together ensure easy connectivity due to the need for only one cable for data, power, and synchronization.

openDAQ COMPATIBLE

SIRIUS X devices are openDAQ-compliant. Using our open-source SDK it is easy to integrate the devices anywhere. openDAQ SDK will allow you to easily discover, configure and read data from the SIRIUS X devices.



SIRIUS X offers a high channel count in a compact chassis with up to 500 kS/s sample rates. It supports open and flexible connectivity via GLAN with PTPv2 synchronization and interfaces such as CAN-FD, and it is openDAQ compatible. These features make SIRIUS X extremely powerful and the easiest-to-use data acquisition device on the market.

APPLICATIONS

SIRIUS X with large variety of analog frontends is your solution for test and measurements applications like Road Load Data, Vibration Testing, Structural Dynamics Testing, Order Analysis, Fatigue Testing, Acoustics and General Data Recording.



Enjoy our industry-leading 7-year warranty. Our data acquisition systems are made in Europe, utilizing only the highest build quality standards. We offer free and customer-focused technical support. Your investment into the Dewesoft solutions is protected for years ahead.

System specifications	SIRIUS X
Data rate per channel	Up to 500 kS/s
ADC Type	24-bit delta-sigma with anti-aliasing filter
GLAN	
Data interface	Ethernet 1 GbE
Bus connectors	Ethernet RJ45, single cable for data, power and sync, daisy chainable
CAN bus	
Number of ports	2
Interface type	CAN 2.0B, up to 1 MBit/s CAN-FD, up to 8 Mbit/s
Galvanic isolation	Isolated
Synchronisation	
IRIG synchronisation	IRIG-B-DC, 4-pin LEMO 00 Series female
PTP synchronization	IEEE 1588v2 synchronization
Power	
Power Supply	Power Supply: 9 - 58 V DC, Power over Ethernet: 48 - 57 V DC (PoE++ power delivery)
Power consumption	Typ. 15 W (configuration dependent)
Physical	
Dimensions	Standard SIRIUS modular chassis 266 mm x 149 mm x 55 mm



WIDE RANGE OF AMPLIFIERS

The following amplifier cards are currently available in the SIRIUS X product line:

SIRIUS X 16xSTGS

16-channel-ground isolated cost effective strain gage amplifier supporting Full/Half/Quarter bridge input with D-SUB 9 or terminal block connector. INCA® and similar systems via CAN or XCP.

SIRIUS X 16xLVe

16-channel-ground isolated module with ± 100 V and ± 5 V input range and sensor power supply. Voltage, current (ext. shunt) and potentiometer supported modes with D-SUB9 (supports DSI adapters) or terminal block input connector.

SIRIUS X 32xLV

32-channel-ground isolated ± 200 V or ± 10 V analog input module with terminal connector.

SIRIUS X 16xACC

16-channel-ground isolated module for IEPE and voltage inputs with BNC connector.

SIRIUSi X 8xUNI

8-channel fully isolated universal amplifier for Voltage, Current, IEPE, Full-/Half-/Quarter Bridge, Resistance, Temperature, Potentiometer. Connect any sensor you like.

SIRIUS X 16xUNI

16-channel ground-isolated universal amplifier for Voltage, Current, IEPE, Full-/Half-/Quarter Bridge, Resistance, Temperature, Potentiometer. Connect any sensor you like.

SIRIUSi X 8xCAN-FD

8 channels on front + 2-channel port on back panel with isolated CAN-FD module supporting receive and transmit operation modes including sensor supply option.



LEARN MORE:

<https://dewesoft.com/products/sirius-x>

HEADQUARTERS

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