



 **7**
YEAR WARRANTY



V26-1



SYNCHRONIZATION

PTPv2 synchronization for simple and precise data synchronization between multiple modules. Use our DS-LAN switches for easy connection and synchronization of multiple device.

PoE POWER SUPPLY

IOLITE X devices are powered using active PoE (Power Over Ethernet) in daisy-chain configuration with up to 100 m of cable in between devices.



openDAQ COMPATIBLE

IOLITE 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 device.



IOLITE X is more than just a DAQ. Up to 500 kS/s sample rate.

Open and flexible connectivity via GLAN with PTPv2 synchronization, and active power over Ethernet.

Chassis suitable for industrial applications with DIN rail mounting.

APPLICATIONS

IOLITE X with large variety of analog frontends is your solution for test and measurements applications like Structural Dynamics Testing, Vibration Testing, Monitoring, Acoustics and General Data Recording.



DUAL GIGABIT INTERFACE

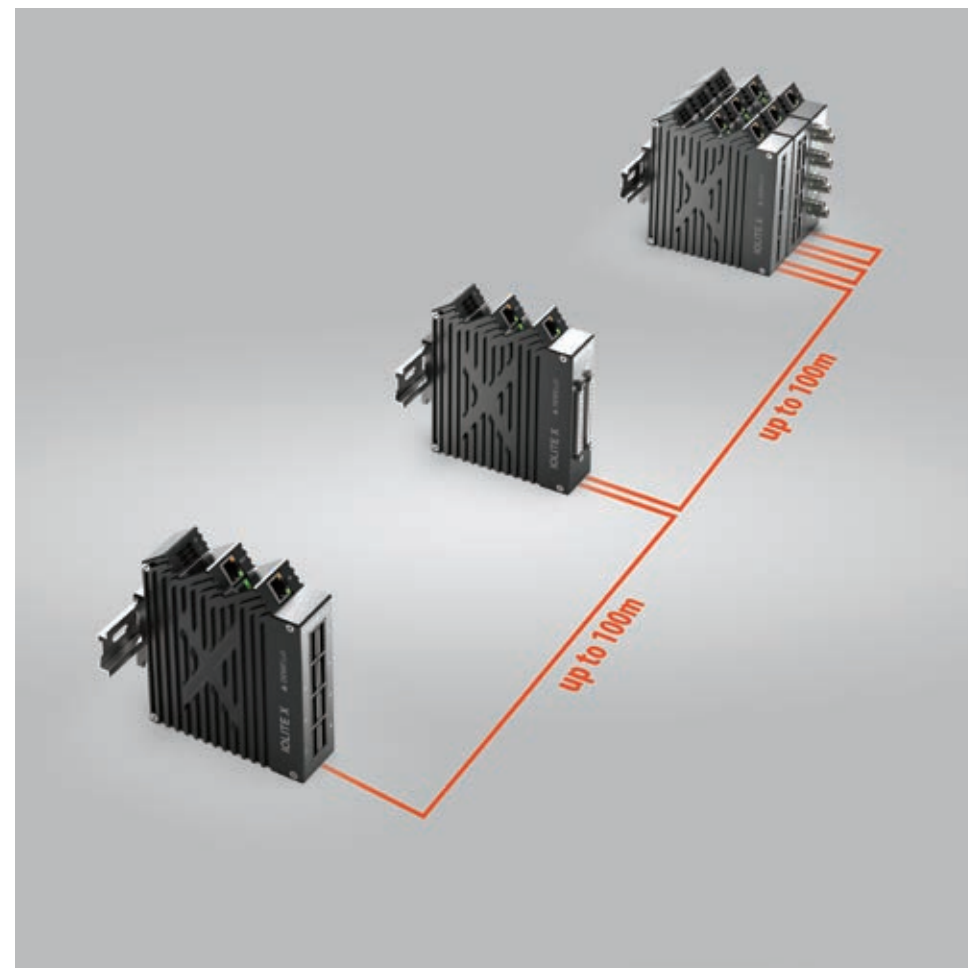
Dual Gigabit LAN interface allows higher bandwidth and higher channel count.

HIGH SAMPLING RATE

IOLITE X signal amplifiers offer high acquisition speeds of up to 500 kS/s per channel. The sample rate is software-selectable per every input channel.

HIGH DYNAMIC RANGE

24-bit delta-sigma ADC with an anti-aliasing filter on each analog channel allows high dynamic range in time and frequency domain.



FLEXIBLE AND SCALABLE

IOLITE X DAQ system can grow with your needs. You can start with a single channel and scale the system to thousands of channels anytime.

DEWESOFT QUALITY AND 7-YEAR WARRANTY

Enjoy our industry-leading 7-year warranty. Made in Europe, our data acquisition systems are built to the highest quality standards. We offer free and customer-focused technical support. Your investment in our solutions is valid for years.

System specifications	IOLITE 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
Data Rate	1 Gbps
Bus connectors	Ethernet RJ45, single cable for data, power and sync, daisy-chainable
Power	
Power Supply	Power Supply: 9 - 58 V DC, Power over Ethernet: 48 - 57 V DC (PoE++ power delivery)
Power consumption	Typ. 9 W (configuration dependent)
Physical	
Dimensions	Standard IOLITE modular chassis 137 x 119* x 35mm



WIDE RANGE OF AMPLIFIERS

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

IOLITE X 8xSTGS

8-channel ground-isolated cost-effective strain gauge amplifier supporting Full/Half/Quarter bridge input with terminal block or DB37 connector.s via CAN or XCP.

IOLITE X 8xLVe

8-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 terminal block or DB37 connector.

IOLITE X 16xLV

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

IOLITE X 8xACC

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

IOLITE X 8xUNI

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

IOLITEi X 4xUNI

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

IOLITEi X 4xCAN-FD

4-channel isolated CAN-FD module with receive and transmit operation mode including sensor supply option.



LEARN MORE:

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

HEADQUARTERS

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