ADLINK Edge™ IoT Smart Gateway Solution

Connect, Stream, Control

Features

- Connect operational equipment at the Edge
- Stream real time operational data securely to Google Cloud
- Visualize data easily
- Access Google Cloud advanced analytics



Benefits

- Capture and combine data from previously unconnected equipment
- Access valuable data instantly, continuously and securely to monitor operations
- View and understand what data you need to make decisions
- Use insight from Google Cloud tools including advanced analytics, AI and machine learning to:
  - enhance existing customer databases, visualization & ERP systems
  - make informed decisions to optimize operations
  - enable predictive maintenance
  - minimize downtime
  - improve quality

Overview

ADLINK Edge™ releases the power of your operational data and enables intelligent decision-making by streaming to Google Cloud to give you access to deeper insight from advanced analytics, AI and machine learning.

ADLINK Edge™ quickly connects your previously unconnected operational equipment with no programming necessary. Then by tapping into native communication protocols, data can be captured and streamed from sensors and devices at the Edge. From the Edge this data can then be streamed securely between devices, databases and to Google's Cloud enabling analysis and easy visualization to inform your decisions and optimize your operations. All in real-time.

Use Case: Releasing real-time data from gas turbines to drive efficiency

A major global power generation company operating in North & South America uses ADLINK Edge™ to connect existing software and systems seamlessly and cost effectively. The company is now able to stream real-time data from its gas turbines and drive efficiency by using Google Cloud analytics to enable predictive maintenance. The benefits are reduced downtime from maintenance shutdowns, improved fault-finding, reduced cost as well as increased customer satisfaction and productivity.



ADLINK Edge™ solutions are all vendor agnostic built on open standards and architected with modular components which allow for easy integration with any existing IT and OT system.

Specifications

Kit Name	MXE-211/MG8/GCIOT Kit
MXE-211 Specification (See also MXE-210 Series datasheet for more details)	
Processor	Intel Atom® x7-E3950 processor
Video	1x DisplayPort (Support DP++)
Memory	DDR3L 1066 SODIMM 2 GB (Up to 8GB)
Storage	Factory installed 128 GB mSATA SSD
Ethernet	2x GbE LAN (Intel® I210-IT)
Serial Port	2x COM (2 x RS-232/422/485)
USB	2x USB 2.0 + 2x USB 3.0
Mini PCIe	2x Mini PCIe card slots
Wireless Kit (option)	Wi-Fi/4G LTE wireless Kit
Power Supply	6 ~ 36 VDC, Optional 40W AC/DC adapter
Dimensions	140 (W) x 110 (D) x 83.85 (H) mm
ADLINK Edge™ platform including ADLINK Data River™	
Edge Core Apps	Node Manager, Dashboard, Service UI, Self Test
Edge OT Connect	MODBUS, OPC UA, USB DAQ (others available on request)
Edge Cloud Connect	Google Cloud IOT Core, Google Cloud IOT Edge (Google Cloud Subscription Required)
Edge Visual Connect	Node Red (other apps available on request)
Edge Historian Connect	Influx DB (other apps available on request)
ADLINK Edge™ IoT Smart Gateway Solution - Call for Pricing & Availability	

Define your IoT solution with an ADLINK Edge™ Digital Experiment

Give yourself the Edge with ADLINK's Digital Experiment by identifying the operational data required to achieve real business results before full-scale commitment. ADLINK connects previously unconnected equipment and sensors at the Edge and streams data securely in real time to Google Cloud enabling analysis and easy visualization to inform decisions and optimize operations.

Find real business outcomes in as little as 30 days

ADLINK Edge™ + Edge Hardware + Google Cloud IOT Tools + Business Value Assessment → Evaluation



Digital Experiments starting at $15,000 USD

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