Vaisala viewLinc Monitoring System Connectivity Options

VaiNet Long-range Wireless Monitoring

**Features**

- Vaisala’s proprietary wireless solution based on LoRa® long-range radio frequency technology
- Local Display and Alarming
- Detachable smart-probe for simple install and calibration
- Battery powered (standard AA alkaline or lithium)
- Parameters: Temperature only (up to 2 channels), temperature and relative humidity, carbon dioxide %, or one channel for each (CO₂, T, RH)
- Enclosure IP54
- Typical indoor range ≥ 100 m (328 ft.)

In case there is a connection problem, data loggers automatically connect to another access point.
## Features
- Local display and alarm status
- External probes available
- Battery powered
- Parameters include: temperature, humidity, analog and contact inputs
- Enclosure NEMA rating: IP65

## Standard Wi-Fi Adaptor

- Battery powered wireless data logger 802.11 b or g
- Optional fixed or remote probes (RH and Temp)
- Computer or Server (Windows OS) with viewLinc
- Remote Monitoring, Alarming and Reporting
- Existing Network
- Temperature Probes
- Temperature Data Logger
- Wireless Ethernet Interface IEEE 802.11a/b/g/n
- Remote Alarming
Power over Ethernet vNet PoE

- Technology vNet (Ethernet interface) with DL data logger
- Referred to as Remote Monitoring, Alarming and Reporting
- Connected to Computer or Server (Windows OS) with viewLinc
- Additional features: Refrigerator, Ultra-Low Temp Freezer, Temperature, Humidity & Temperature
- Probes can be connected to Analog Device, such as CO₂, O₂, Differential Pressure, Particle Monitoring, etc. to Universal Input Data Logger

Multi-port Ethernet

- CAB100 Industrial monitoring cabinet for differential pressure and other parameters. With DL4000 Universal Input Data Loggers, PDT101 Pressure Sensors and other optional inputs
- Data Loggers can be connected to PoE or DC Power
- PoE Ethernet Converter to interface with data loggers
- Remote Monitoring, Alarming and Reporting

Direct to PC via USB

- Data Logger connected to Computer or Server (Windows OS) with viewLinc
- Remote Alarming feature
**Transmitters**

- Local display
- External probes available
- Parameters include: humidity, temperature, dewpoint, barometric pressure, CO₂
- Enclosure NEMA rating: IP65
Modbus TCP & RTU

Add devices that communicate over Modbus TCP & RTU: particle counters, and other Modbus devices.

Windows Server with viewLinc

Remote Monitoring, Alarming and Reporting

Modbus TCP

Modbus RTU

Existing Network

Remote Alarming

Connect a variety of probes to viewLinc through the Vaisala Indigo host device to measure CO₂, Vaporized H₂O₂, humidity and temperature.

Vaisala Access Point

Data Loggers

Temperature Probe (1 or 2 channels)

PoE or DC Power

Probe options: CO/two.den %, CO/two.den % with temperature, or CO/two.den % with temperature and humidity

Remote Alarming

Connect a variety of probes to viewLinc through the Vaisala Indigo host device to measure CO₂, Vaporized H₂O₂, humidity and temperature.

Modbus RTU

Windows Server with viewLinc

Remote Monitoring, Alarming and Reporting

Modbus TCP

Modbus RTU

Existing Network

Remote Alarming

Connect a variety of probes to viewLinc through the Vaisala Indigo host device to measure CO₂, Vaporized H₂O₂, humidity and temperature.

Vaisala Access Point

Data Loggers

Temperature Probe (1 or 2 channels)

PoE or DC Power

Probe options: CO/two.den %, CO/two.den % with temperature, or CO/two.den % with temperature and humidity

Remote Alarming

Connect a variety of probes to viewLinc through the Vaisala Indigo host device to measure CO₂, Vaporized H₂O₂, humidity and temperature.

Modbus RTU

Windows Server with viewLinc

Remote Monitoring, Alarming and Reporting

Modbus TCP