

Cloud-Based Remote Monitoring.

All your sites, devices, and users unified in one cloud-based platform. Hosted online and accessible at any time, from any location using your phone or laptop.



T Mobile

verizon



Pyxis Lab® Cloud Data Management

GENERAL OVERVIEW

Pyxis Cloud centralizes live water analytics, alarms and device management across every account and location. View trends in real time, deploy settings remotely, and share the right data with the right people - securely. Utilizing our CloudLink™ 4G LTE Gateway, our technology can broadcast your data to this pre-programmed, easy-to-operate data management software.



ENHANCED WITH AI.



**SCAN TO
LEARN MORE.**



All of Your Accounts In One Place.

Manage every site, system and user from one place with Pyxis Cloud Data Management.



Live Data, Real Insights.

Track every parameter in real time with the Cloud Dashboard. View live trends, alarms, and system data across all your accounts - anywhere, anytime.



Meet Water Artificial Intelligence.

FLOWiQ™ is the smart support platform built to assist Pyxis Lab® users with real-time technical help, troubleshooting and application guidance.

Key Capabilities.



Unified Accounts.

Aggregate all sites and users; switch views in one click. Customize roles, permissions and SSO-Ready access.



Live Monitoring & Alarms.

Real-time charts for all your key parameters. Configure smart alarms with categories, thresholds, and actionable tips.



Device Management.

Remote configuration of Cloud Devices like UC-80 or PowerCloud™ enabled sensors. Push firmware, templates and setpoints across fleets.



Collaboration.

Share read-only dashboards with customers and account representatives. Commenting and work-notes for teams and partners.



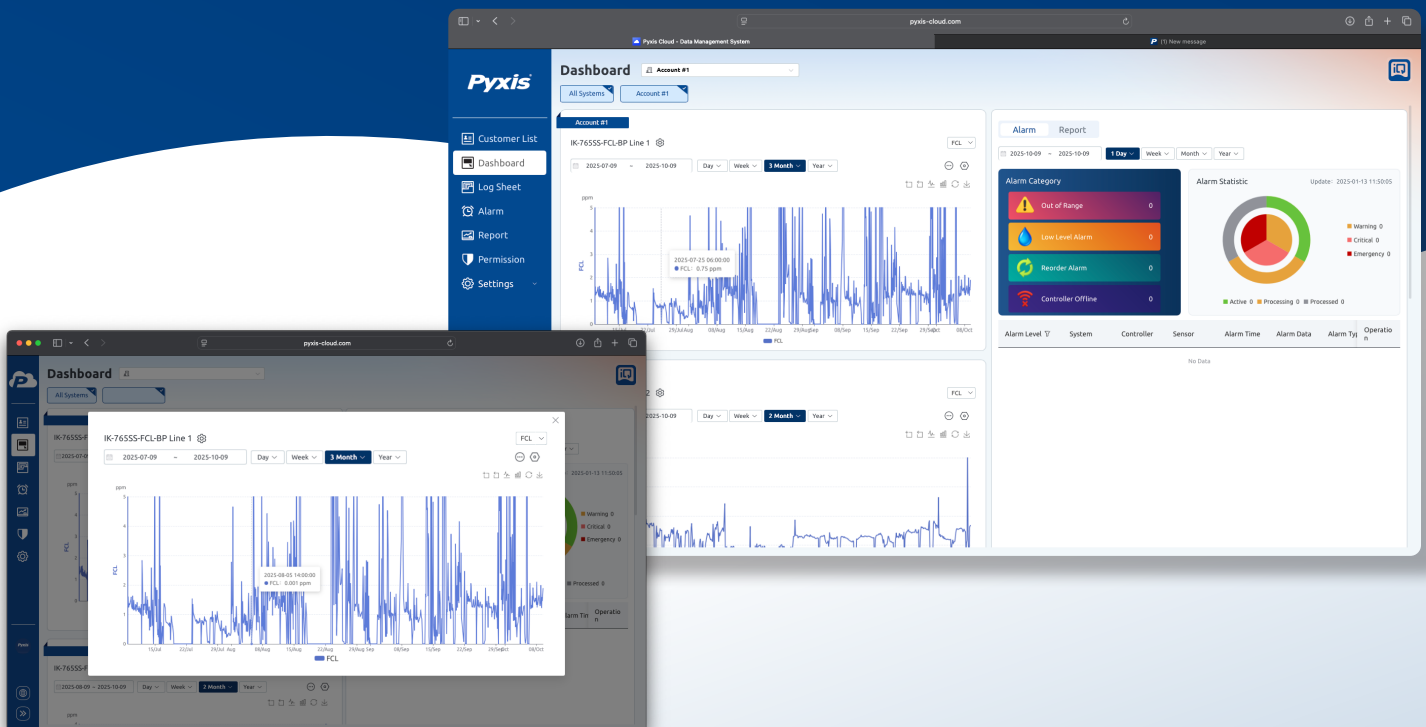
Reports & Auditing.

Auto-generated PDF/CSV reports by site, asset or time period. Traceable calibration & event history.



FLOWiQ™ AI Platform.

Click on the FlowIQ icon in the top corner to chat about your applications and technology.

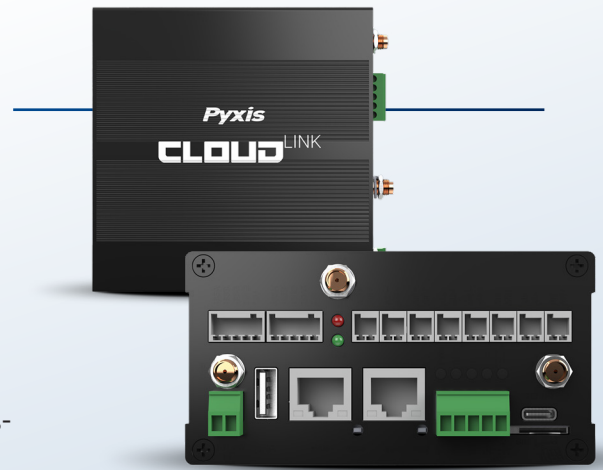


Necessary Hardware For Integration.

TC-22X CLOUDLINK GATEWAY

The CloudLink™ is an IoT device designed for remote communication supporting a 4G LTE cellular network as well as wired and wireless networks.

Designed to work with our Cloud Data Management System, the CloudLink™ also supports long-range wireless communication (LoRa) and has a built-in RS-485 interface.

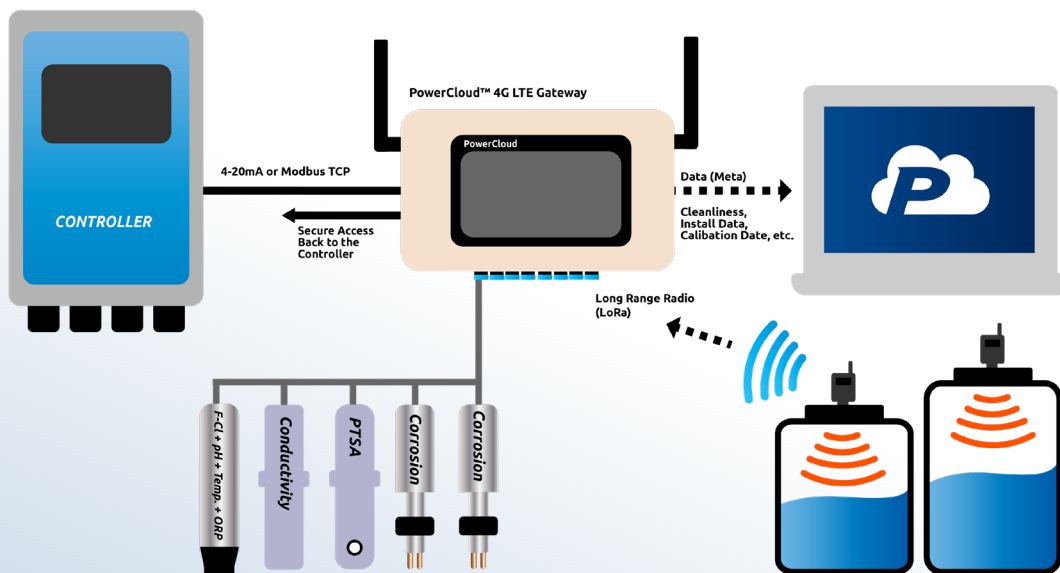


DISPLAYS WITH CLOUDLINK

The TC-22XP PowerCloud and UC-Series Display & Data Logging Terminals are the preferred integration platforms for Pyxis Cloud connectivity. Each features a built-in CloudLink™ gateway, providing seamless cloud communication and live, in-field touch-screen monitoring — no external gateway required.

See Integration Diagram below...

Potential Layout with PowerCloud



GENERAL SPECIFICATIONS

Item	TC-220 CloudLink™	TC-221 CloudLink™
Part Number	43030	43031
CPU	ARM Cortex A-8 32bit Processor	ARM Cortex A-8 32bit Processor
Memory	up to 512MB	up to 512MB
Storage	4GB, up to 68GB Support	4GB, up to 68GB Support
Ethernet Port	(1) RJ-45 (10/100 Base-T)	(1) RJ-45 (10/100 Base-T)
Serial Port	(1) RS-485 with 24V Output	(1) RS-485 with 24V Output
Analog Input	N/A	x8 (0–20mA / 4–20mA)
Sim Slot	x1	x1
Mirco SD Slow	x1	x1
Micro USB	x1 (For Configuration)	x1 (For Configuration)
DC Power Input	9–36V DC	9–36V DC
Power Consumption	3.6W	3.6W
Antenna Connector	x1 50Ω SMA (Center Pin: Female)	x1 50Ω SMA (Center Pin: Female)
On Board RTC	YES	YES
LTE Category	4G	4G
Bands Supported	B1/2/3/4/5/6/7/12/13/14/20/28/66/71	B1/2/3/4/5/6/7/12/13/14/20/28/66/71
Carriers Supported	AT&T, T-Mobile, Verizon	AT&T, T-Mobile, Verizon
Protocols Supported	IP/TCP/UDP/HTTP/HTTPS/Modbus	IP/TCP/UDP/HTTP/HTTPS/Modbus
WiFi Connectivity	IEEE 802.11 b/g/n radio	IEEE 802.11 b/g/n radio
Dimensions	102mm L, 106mm W, 40mm H	102mm L, 106mm W, 40mm H
Weight	300g	300g
Storage Temperature Range	-12–158 °F (-25–70 °C)	-12–158 °F (-25–70 °C)
Operation Temperature Range	-4–140 °F (-20–60 °C)	-4–140 °F (-20–60 °C)
Humidity	5–95% (No Condensation)	5–95% (No Condensation)
Environmental	IP30	IP30

All Your Accounts
Anytime. Anywhere.

Contact Us to Learn More!

