

WEB DATA LOGGER DL8 Series

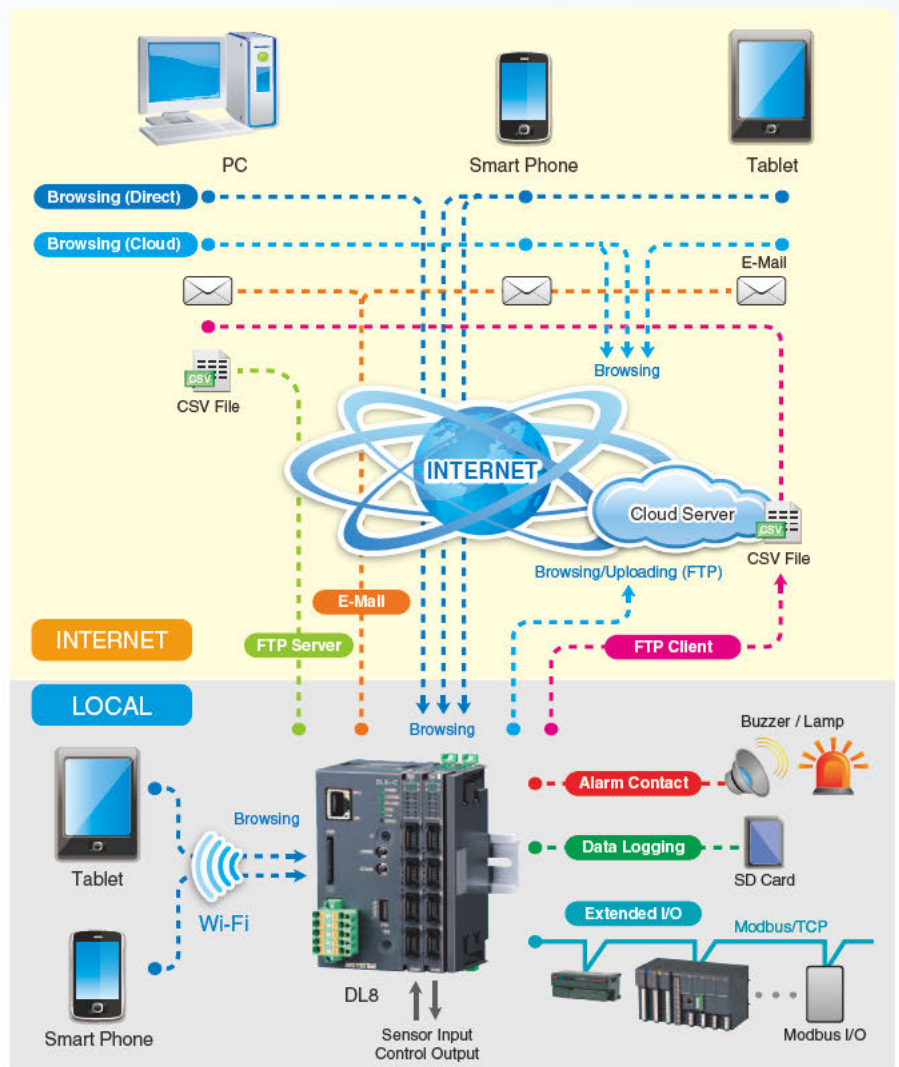
Remote Monitoring Using Your Own Mobile Terminal

- Simple remote monitoring via internet without needing to build up a complex PC based system
- Pre-installed user-friendly browser view for remote data access through smart phone or tablet
- Event/regular reporting by e-mails
- Local data stored in an SD card memory
- Various network protocols are usable: TCP/IP, SMTP client, HTTP server, FTP client and server, Modbus/TCP master and slave
- Built-in and remote I/O modules available to accept a wide variety of field signals



Web-Enabled Remote Terminal Unit for Monitoring, Event Reporting and Data Logging
Model: DL8

This block contains four screenshots of the DL8 web interface. The top two show data tables with columns for 'Time', 'Value', and 'Unit'. The third screenshot shows a 'TREND' graph with a blue line fluctuating over time. The bottom screenshot shows a 'USER DEFINED VIEW' of a tank level system with a 'MANUAL' button, 'Flow' (0.4 B/d), 'Valve Opening' (12.0%), 'Feedback' (12.0%), and a 'Tank Level' gauge. Below these are icons for 'E-MAIL' (an envelope) and 'LOGGING' (a document with 'CSV').



CNG Gas Filling Stations

Also applicable to: Utility/Infrastructure Monitoring

- ✓ Material level monitoring
- ✓ Optimization of refilling schedule
- ✓ Effective service personnel assignment

Central Monitoring Sta. Service Personnel
Browsing Logging Mail Browsing Mail

Gas Filling Station
Control Panel
Gas pressure
Gas leak alarm

Mobile Router

Construction Machines

Also applicable to: Mobile Equipment

- ✓ Remote monitoring of mobile equipment
- ✓ Operation log for effective maintenance

Maintenance Center
Browsing Logging

Construction Machine
Mobile Router
Oil pressure/temp
Engine speed/status
Maintenance flags

Irrigation Canal Gate

Also applicable to: Utility/Infrastructure Monitoring

- ✓ Remote monitoring & control
- ✓ Alert mail to multiple users
- ✓ Web camera surveillance and telemetering via single fiber optics line

Gate Manager Office
Router
Browsing Mail
Gate control

Fiber Optics Line

Gate
Web Camera
Water level
Gate operation error
Gate control

User
Browsing Mail

Gas Cogeneration Generator

Also applicable to: Green Energy Plants

- ✓ Utilizing existing in-house LAN
- ✓ Alerting facility manager and maintenance company at once in case of trouble
- ✓ Operation log for effective maintenance

Maintenance Company
Browsing Mail

Gas Cogeneration Plant
Commercial Power
Gas Engine
Town Gas
Exhaust gas concentration
Temperature
Generator error

Facility Manager
Browsing Logging Mail
E-mail Server

Microbrewery

Also applicable to: Small Scale Fermentation Plants

- ✓ Remote monitoring
- ✓ Utilizing existing in-house LAN and e-mail server
- ✓ Abnormality alert mail including update data

Home User
Browsing Mail

Plant Manager Office
Browsing Logging Mail
E-mail Server

Fermentation Tank
Tank pressure/temp
CO₂
Tank valve status

Tank Farm

Also applicable to: Utility/Infrastructure Monitoring

- ✓ Wireless data monitoring for HART wireless transmitters
- ✓ Monitoring of material level and temperature

Facility Manager
Browsing Logging

Tank Farm
Oil tank
Level Temp
Wireless Gateway

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