QT600 Bulk Facility Solution

Intelligent Real-Time Monitoring

Own your Assets

From tank levels and pump controls, to live video feeds, the QT600's color touch screen, locally displays your data. Configurable triggers and notifications provide shut-off capabilities and activity alerts. You can view the data remotely via the LevelCon cloud from any internet connected device.

Available with Ethernet connectivity or cellular modem and an optional solar power kit, this highly flexible solution can monitor any facility, anywhere. In addition, the QT600 doubles as a full live surveillance system with cloud based look back controls and local video storage.

Typical Applications

- Bulk facility monitoring and surveillance
- Automatic pump control for overfill protection
- Easy to use interface to configure trigger events and alerts
- Card lock/authentication for pump activation
- Flow meter based controls to manage output volume

Features

- 4x 12 Bit Analog Inputs interfacing with virtually any sensor
- 4x Digital Inputs for custom alarms and status
- 4x Digital Outputs for local alerts and control
- RS232/RS485/UART Modbus support
- GSM/CDMA
- iridium Everywhere
- 802.11g WiFi
- GPS enabled for mobile asset tracking
- 24/7 access to data on LevelCon Cloud or local SCADA

MICRO-DESIGN, INC.

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Made in USA

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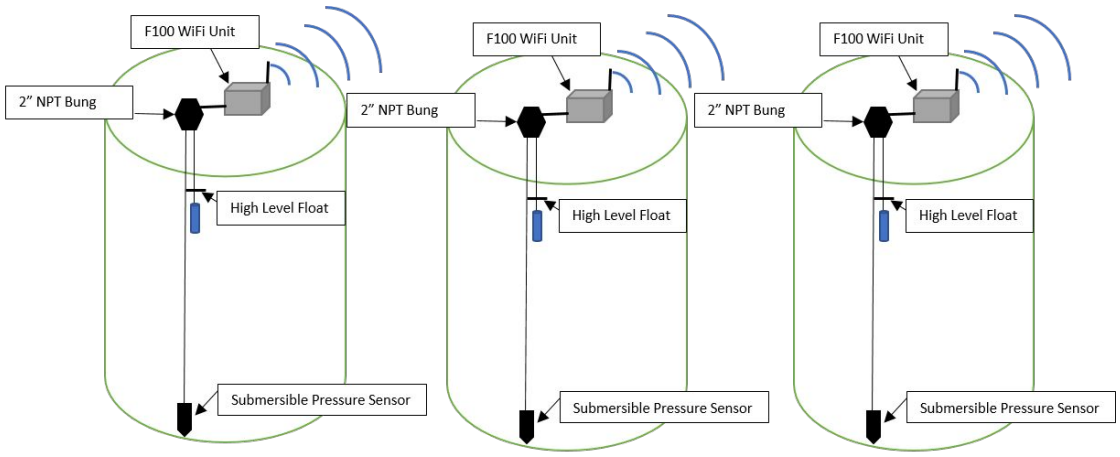
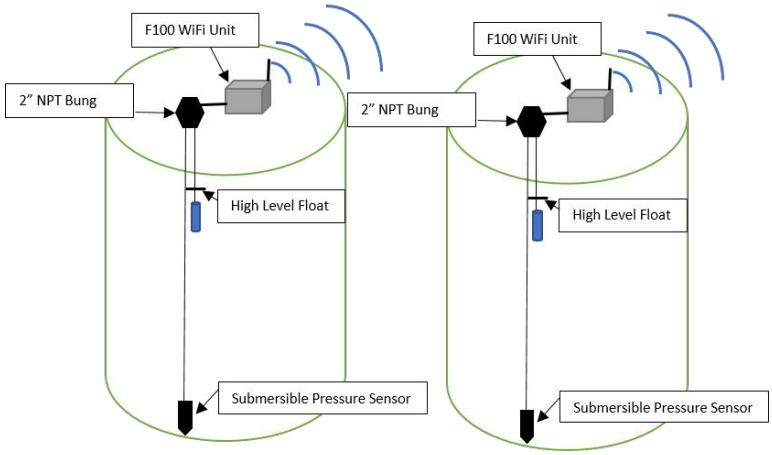
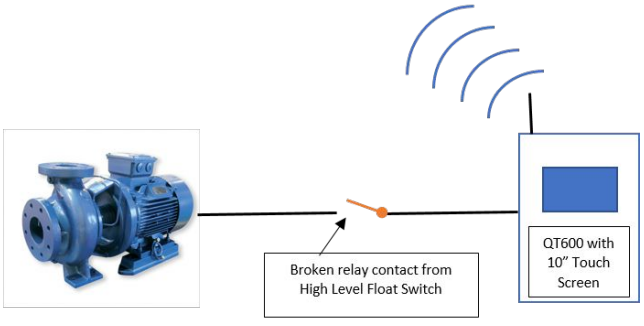
Wireless Network Controls

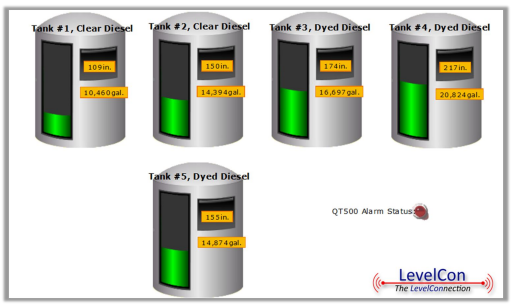
The QT600 WiFi monitoring system is the most efficient bulk fuel system on the market today. No need to run conduit or pull cable from tank to tank or to a central location any more. The QT600 comes standard with built in long range WiFi communication to quickly and efficiently talk to any number of downstream LevelCon devices. The F100W, WiFi sensor node, communicates tank level inventories to the QT600, which are displayed on the live outdoor rated touch screen. LevelCon utilizes a submersible or externally mounted pressure sensor and high level float to deliver overall volume levels coupled with real time overfill protection. When the high level float is tripped the F100W sends a signal to the QT600 to de-energize the internal relays that control the pumps. Transmission time between the F100W sensor node and the QT600 relay control occurs in a matter of seconds.







#	Description	Level(in)	Level(gal)	90% Ullage(gal)	% Full	Temp(F)
1	18 Octel	47.4	1,615	215	79.4	14
2	120 Unleaded	133.9	7,460	3,370	62.0	14
3	118 Premium Unleaded Cardlock	175.1	9,449	1,044	81.0	16
4	116 Regular Unleaded Cardlock	135.3	7,303	4,890	53.9	
5	114 50/50 Dyed Diesel Cardlock	188.0	11,137	4,432	64.4	19
6	112 50/50 Clear Diesel Cardlock	162.7	9,637	9,611	45.1	16
7	110 50/50 Clear Diesel Cardlock	259.3	15,363	6,231	64.0	
8	111 #1 Dyed Diesel	316.9	18,776	2,817	78.3	21
9	113 #1 Dyed Diesel	199.5	11,820	9,774	49.3	19
10	115 #2 Dyed Diesel	263.4	15,607	5,986	65.0	18
11	117 #2 Dyed Diesel	222.4	12,388	2,302	75.9	18
12	119 #2 Dyed Diesel	46.0	2,646	10,386	18.3	21
13	121 70/30 Dyed Diesel	203.3	12,045	1,391	80.7	16
14	14 Racing Fuel	45.9	1,560	270	76.7	16
15	123 Diesel Mud Fuel	83.2	4,632	7,701	33.8	27
16	125 #2 Clear Diesel	31.7	1,763	9,066	14.7	18
17	127 #2 Clear Diesel	149.0	8,300	2,530	69.0	16
18	Octel	18.8	491	1,314	24.5	21
19	HDAX Green Anti-Freeze	64.7	3,830	11,525	22.5	19
20	10W/30	54.1	1,808	-3	90.1	18



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