MAGLINK LX

Manages up to 32 tanks

Colour resistive touch-screen TFT 7" display
Manages up to 32 tanks
Web access WI-FI c

IFSF compliance (option)
Tank strapping table stored in NV RAM up to 500 points
Inches/Gallons option (option)

Technical characteristics

Microprocessor CPU: Cortex ARM A8 @ 600Mhz
Memory: 256 MB DDR2
Storage: 512 MB NAND Flash
GSM/GPRS, Radio wireless (*coming soon*)
No. 04 low power programmable relays
No. 06 digital/analog inputs
No. 1 RS232 - No. 1 RS485 serial ports
Ports: Ethernet / USB / Can-bus
AUX 3.5 mm jack output, to connect an external speaker
Active or passive integrated Intrinsically safe barriers
Synthetic resin enclosure IP40 protection
Dimensions 265x185x85 mm

Up to 256 Mb RAM

High quality color TFT 7" display Touchscreen

Ethernet and legacy systems supported

TOTAL CONNECTION

Description

The console is a device used for monitoring the level of probes and for tank alarms notification. Up to 32 probes can be supported, 16 on-board (8 per each additional MagDirect, max 2 MagDirect can be added), 32 DVD (Fuel Quality Sensors, one for each tank), 4 on board relays, 6 inputs on board, and an external expansion module that can carry up to 4 expansion cards. Each expansion card supports 8 relay outputs, 8 Digital Inputs or 4-20mA. With a combination of these cards the system can support 32 relays and 0 inputs, 32 inputs and 0 relays, and combinations of both with modularity of 8.
The console can be interfaced with the FCC/POS on the station via either serial or Ethernet.

The console is equipped with a resistive type touch screen, so it is possible to use it with fingers (even with gloves), special pens and likewise. It required to contact and apply a pressure to use it.

The following table lists the principal technical characteristics of the console:

Characteristic	Value
Power supply	100 ÷ 240 V~, 50÷60 Hz
Consumption	15 VA
Operating temperature	(-10 ÷ +50) °C
Relative humidity	(5 ÷ 95)%, non-condensing
Number of probes	32 (16 probes through internal barrier and 16 probes with additional MagDirect modules)
Number of ON-OFF external sensors	Up to 32
Number of ON-OFF internal sensors	6 (only with Dipswitch 2 on ON)
External relay outputs	Up to 32
Internal relay outputs	4
Lower power of the relay output	0,5 A, 33 V~, or 2 A, 30 V DC
Output power for the probes	12 V DC, 100 mA per output per probe, connectors MR3 MR4 (up to 8 probes per connector)
Serial communication of the probes	RS485
Host communication (management)	RS232 and TCP/IP (almost every forecourt controller have the protocol integrated)
Printer communication	USB
Integrated web server for remote configuration, consultation, communication, and emails as well as HOST COMMUNICATION	TCP/IP
GSM modem for SMS service	1 Optional (NOT RELEASED YET)
IFSF	1 Optional (NOT RELEASED YET)
Case	Plastic
Protection	IP40
Dimensions	265 x 190 x 95 mm