

A 3D architectural rendering of a gas station. In the foreground, a semi-truck is parked at a fuel pump. In the background, there is a modern gas station building with a large canopy. The scene is rendered in a light, monochromatic style with a soft, hazy atmosphere.

SISTEMAS DE TELEMEDICION

GAS STATIONS
Products and solutions for gas stations

START-ITALIANA INC.

CERTIFICACIONES

- **Explosion Proof ATEX Certificación**

INERIS 06ATEX0051 II ½ G Ex d IIA T6
Ex Td A21 IP66/68 T85°C Tamb: -20°C to 60°C
CESI 06ATEX 020 II 1/2 G Ex db
II 2 Ex tB IIIC T 85 °C IP67



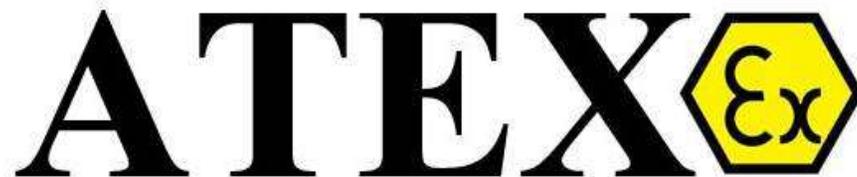
- **Intrinsically safe ATEX certifications**

CEC 09 ATEX131 REV. 3 II 1G Ex ia IIB T4 Ga
II 1D Ex t IIIC T 135 °C Da IP66/68.

Products and solutions for gas stations

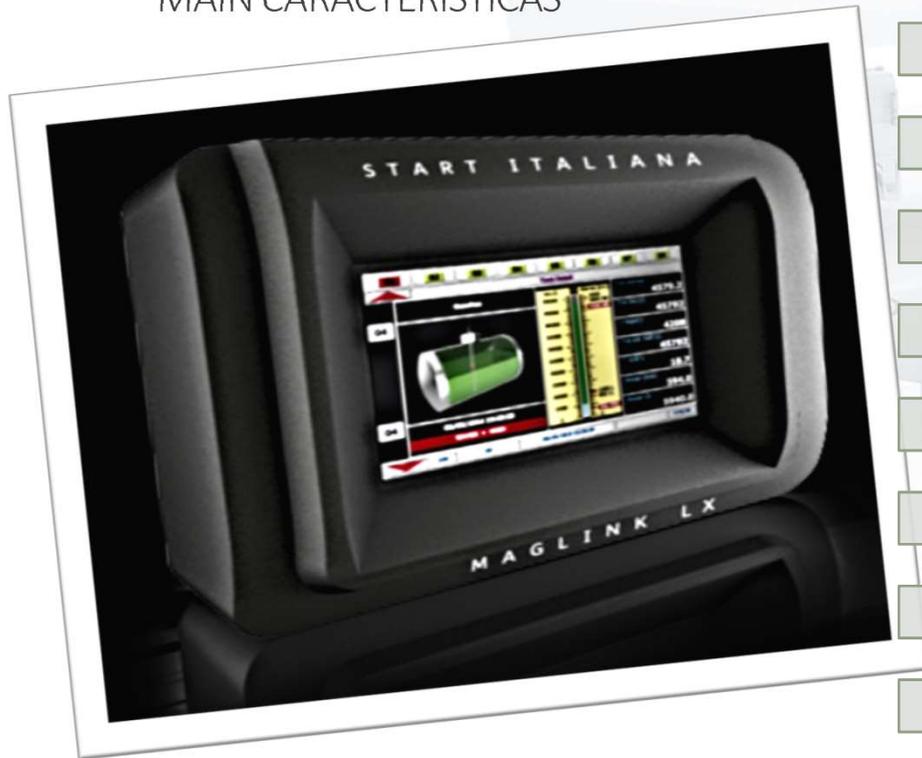
- **Metrological Certifications**

OIML R85/2008-CZ-11.03 of 29.06.2011
for fixed tanks and R80 for mobile tanks



MAGLINK LX

MAIN CHARACTERISTICS



UP TO 32 tanques

Pantalla color touch-screen 7"

Web Access ethernet (wi-fi opcional)

Tabla de calibración hasta 500 puntos

04 relés programables

6 inputs análogos/digital

1 RS232 /1 RS485 ports

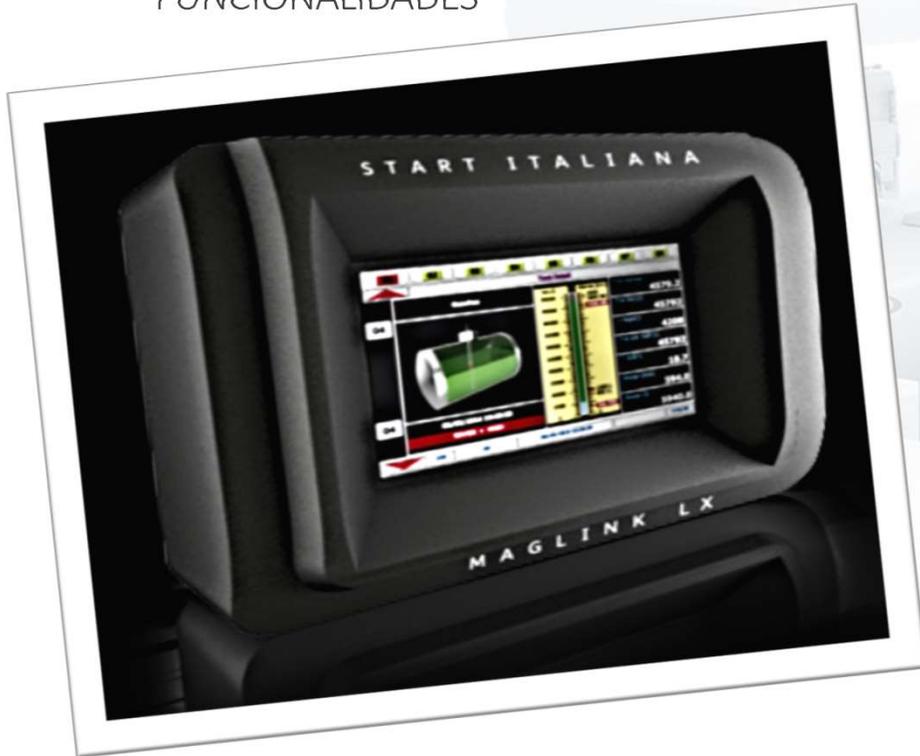
Aux externa speaker 3.5mm

Barrera intrínseca pasiva y activa

Gabinete resina IP40

MAGLINK LX

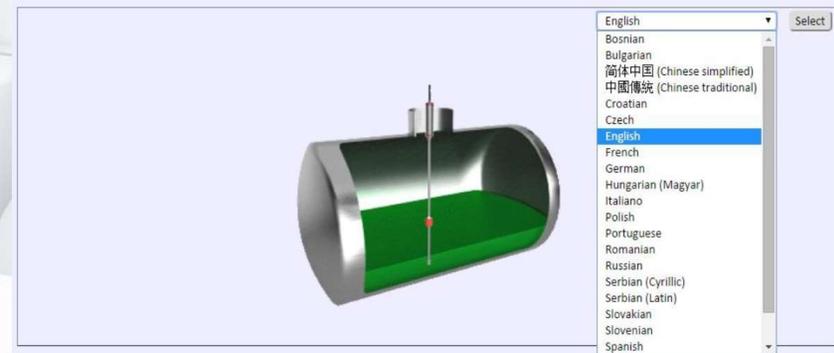
FUNCIONALIDADES



CONFIGURACION VÍA WEB SERVER TCP/IP

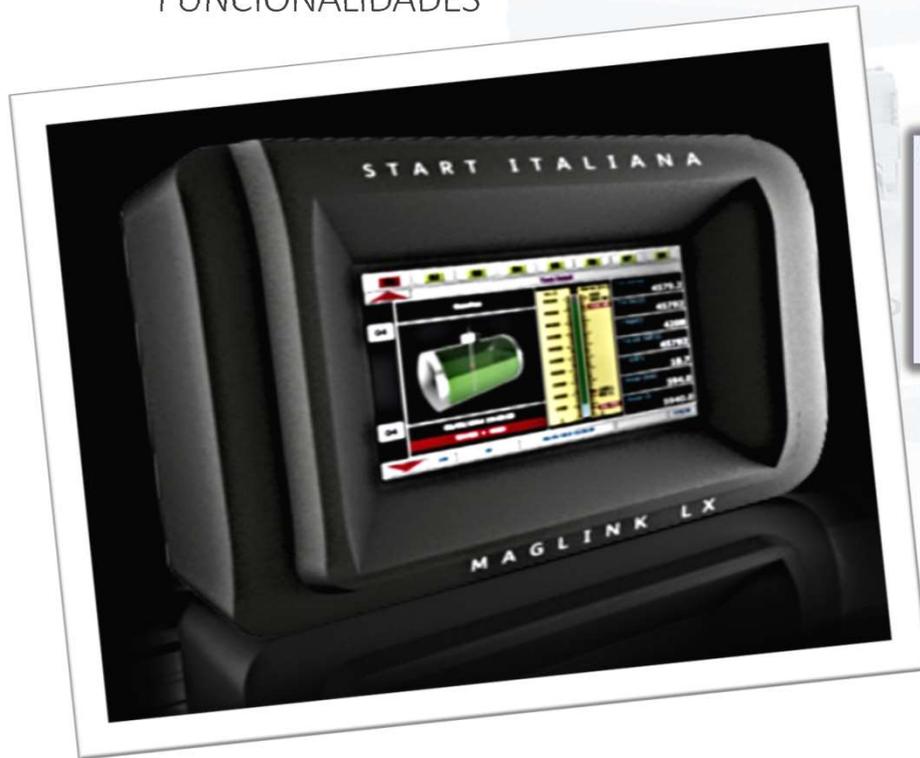
- ETHERNET
- WIFI OPCIONAL
- AUTOMATIC E-MAIL SENDER

MAGLINK LX - Web Console Configuration



MAGLINK LX

FUNCIONALIDADES



2 NIVELES DE SEGURIDAD

- USUARIO EDS
- USUARIO ADMIN



Accessible data	Guest	Admin
Level of the connected probes	X	X
Historical Data Table	X	X
Alarm status	X	X
Delivery/Losses	X	X
Login	X	X
Logout	X	X
Association of alarm to relays (per tank)		X
Managing internal and external sensors		X
Automatic print features		X
Definition and insertion of strapping table (per tank)		X
Configuring email address book		X
Configuration of all dispensers		X
TCP/IP address configuration		X
Utility operations (Backup/restore, Clean historical data: Historical readings, alarms, reconciliation, shift reports, Touch screen calibration of the console; Restarting the console, Restarting the operating system of the console)		X
Reconciliation (if enabled)		X
Shift report with scheduling		X
Configuration internal/external sensors		X
Sensors current status	X	X
Autocalibration Analysis		X
Print stock at predefined time of the day		X

MAGLINK LX

FUNCIONALIDADES



REPORTES EXPORTABLES EXCEL CSV

- HISTORICOS DE MOVIMIENTOS
- ALARMAS
- DESCARGAS/FUGAS
- REPORTE DE STOCK PROGRAMABLE E IMPRIMIBLE (IMPRESORA OPCIONAL)
- INTEGRACION CON HOST

History - [Admin user] [11/02/2016 12:54:49]

Time	Task	Product height (mm)	Water (mm)	Temp. °C	Volume (liters)	Water volume (liters)	Density	Volume comp. (liters)	Status
08:53:57	01	310.50	30.82	18.2	2238.0	249.0	0.0000	2227.9	Status OK
09:53:37	01	310.50	30.83	18.2	2235.0	250.0	0.0000	2227.9	Status OK

Alarms - [Admin user] [11/02/2016 12:56:22]

Date/Time	Task	Alarm	Status
18/02/2016-06:30:35	11	Status OK	ACK-ALARM
08/02/2016-08:35:16	11	Status OK	ACK-ALARM

Delivery/Leakage - [Admin user] [14/02/2017 09:52:36]

Start time	End time	Start delivery/leakage				End delivery/leakage				Vol. diff.
		Volume (liters)	Water (liters)	Temp. °C	Volume (liters)	Water (liters)	Temp. °C	Volume (liters)		
23/01/2017 08:42	21/03/2017 08:40	16353.4	18219.6	1650.0	16643.0	16798.9	4212.0	18.2	485.69	
18/12/2016 18:31	16/12/2016 18:38	16128.2	16250.9	1694.0	16735.7	16816.5	1125.0	20.8	492.59	
10/11/2016 12:14	10/11/2016 12:27	19519.8	19231.4	1829.0	19877.0	19778.1	1449.0	21.1	552.20	
09/11/2016 19:59	09/11/2016 20:05	21891.6	21746.7	1599.0	22063.0	21937.0	559.0	23.0	171.40	
08/11/2016 15:05	08/11/2016 14:51	20313.4	20237.0	1574.0	21883.7	21799.7	557.0	19.7	1570.30	
06/11/2016 13:03	06/11/2016 13:07	19478.2	19441.5	1529.0	20301.8	20263.6	557.0	17.3	823.69	
28/10/2016 12:03	28/10/2016 12:09	20520.7	20420.3	1697.0	20710.8	20607.7	369.0	21.1	190.10	
28/10/2016 11:32	28/10/2016 11:38	20029.7	19938.1	1702.0	20519.3	20422.2	369.0	20.8	489.60	
15/10/2016 11:56	15/10/2016 12:03	18239.5	18233.7	1864.0	20291.1	20317.8	3493.0	19.4	2091.60	
13/09/2016 15:44	13/09/2016 15:51	22483.4	22282.5	1634.0	22615.9	22413.7	2637.0	26.0	132.50	
06/09/2016 14:07	06/09/2016 14:14	40727.3	40314.0	1429.0	41443.1	41022.6	5311.0	27.5	715.90	
06/09/2016 13:36	06/09/2016 13:42	40342.6	39943.0	1433.0	40726.4	40319.8	5430.0	27.3	383.80	
05/09/2016 14:37	05/09/2016 14:43	39695.9	39347.4	1404.0	43624.3	43234.3	5403.0	26.0	3928.40	
03/09/2016 19:41	03/09/2016 10:47	37583.8	37208.6	4294.0	39850.3	39477.3	4631.0	26.8	2275.50	



MAGLINK LX

FUNCIONALIDADES



- TABLA DE TANQUES HASTA 500 PTS
- RECONCILIACION AUTOMATICA:
ALGUNOS PROTOCOLOS SOPORTADOS DE POS :ORPAK-GILBARCO-DOMS-PIGNONE-CUSTOMIZE

Strapping table - (Admin user) [09/02/2016 09.03.55]

Tank: 01 - tank 1

Buttons: Validate strapping table, Save strapping table, Cancel strapping table changes

mm: [] liters: [] Add new row

Buttons: Delete, prog., mmm, liters

Steps	prog.	mmm	liters
1	1	0.00	0.00
2	2	500.00	36000.00

Total height: 500 (mm) Create new strapping table

Import table

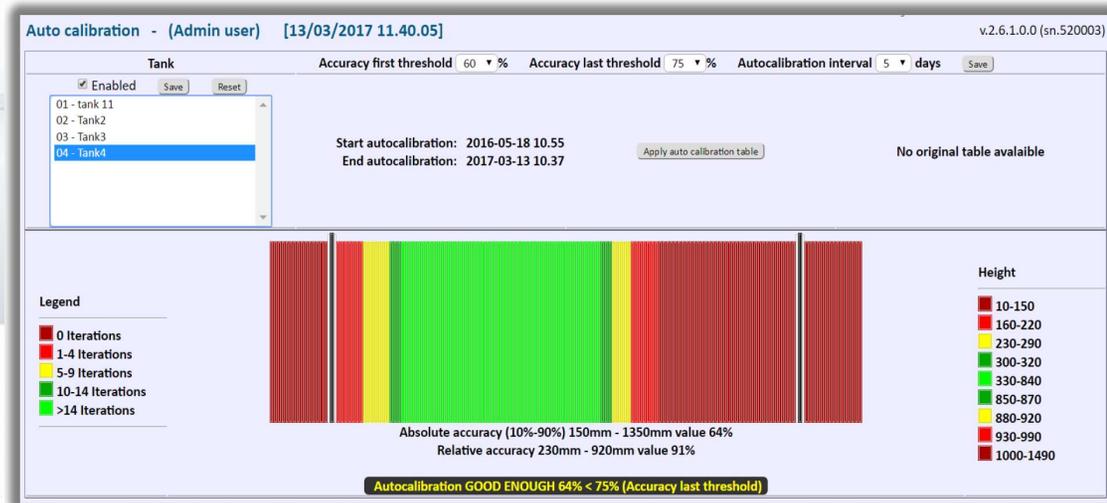
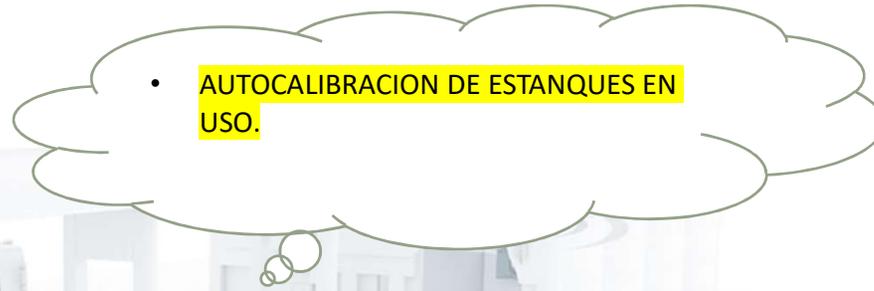
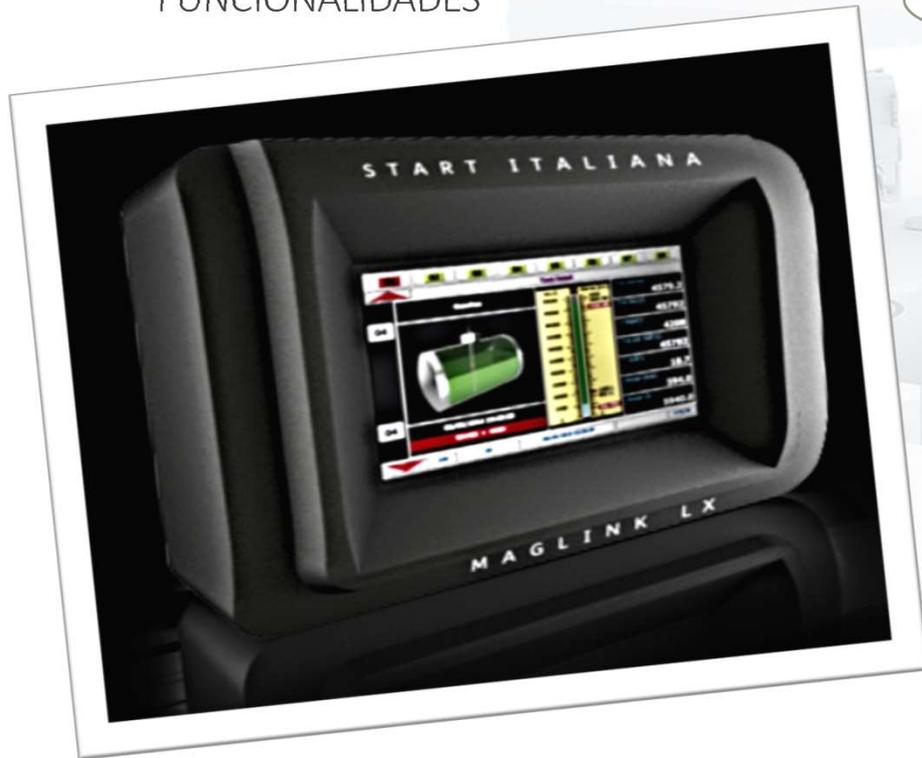
Monthly Reconciliation - (Admin user) [01/03/2017 12.24.46] v2.6.0.0 (sn.580028)

Year/Month: 2016-10 Tank: 01 - tank 1 Display Monthly Reconciliation

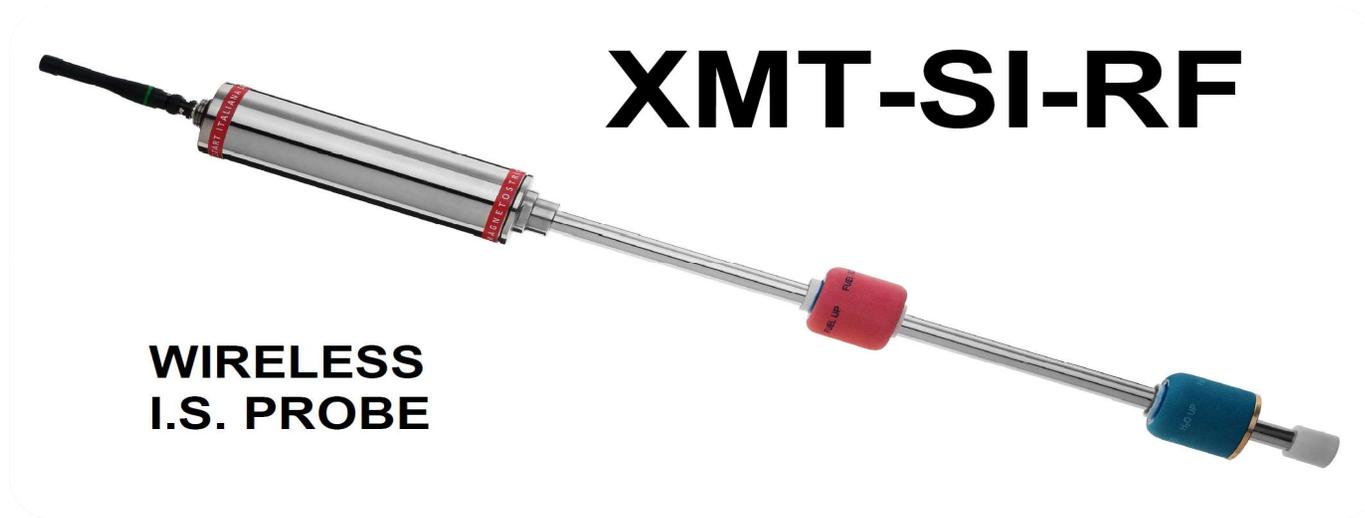
Day	Tank	Vol. diff. (liters)	Dispenser (liters)	Delivery (liters)	Delta vol. (liters)	% Delta vol.
2016-10-01 - 22.00	01	3038.0	1939.2	4925.1	52.06	1.71%
2016-10-02 - 22.00	01	-528.0	530.8	0.0	2.75	-0.52%
2016-10-03 - 22.00	01	-2366.0	2369.8	0.0	3.82	-0.16%
2016-10-04 - 22.00	01	926.0	2083.4	2958.3	51.08	5.52%
2016-10-05 - 22.00	01	-1856.0	1874.5	0.0	18.45	-0.99%
2016-10-06 - 22.00	01	3460.0	1505.4	4954.9	10.50	0.30%
2016-10-07 - 22.00	01	-1814.0	1814.7	0.0	0.67	-0.04%
2016-10-08 - 22.00	01	2188.0	1816.5	3978.9	25.64	1.17%
2016-10-09 - 22.00	01	-730.0	722.9	0.0	-7.13	0.98%
2016-10-10 - 22.00	01	-2159.0	2179.3	0.0	20.26	-0.94%
2016-10-11 - 08.00	01	-230.0	226.8	0.0	-3.18	-0.94%

MAGLINK LX

FUNCIONALIDADES



SONDAS DE MEDICION INALAMBRICAS



SONDAS DE MEDICION INALAMBRICAS

CARACTERISTICAS GENERALES

Admite funciones de telediagnóstico / mantenimiento.

Reemplazo de la batería interno sin quitar la varilla del tanque.

Conexión al tanque: rosca fija / ajustable / bridada / interior.

Eje de acero inoxidable AISI 304/316.

Rango de medición desde 200 mm. hasta 5.500 mm.

Nivel de interfaz en 0,01 de mm. (detección de presencia de agua).

1 batería por sonda (equipo de mercado) 3.6 V litio.

Resolución y precisión para Nivel del producto en 0,01 mm.

Temperatura media del producto hasta máx. 5 sensores digitales integrados.

Exactitud de medición estándar: +/- 0,5 mm.

Resolución estándar: +/- 0,01 mm.

Rango de precisión de temperatura -20 +70 ° C: +/- 0,2 ° C.

Resolución de la temperatura: ± 0,0625 ° C

OP MODE	Transmission every x minutes	Years of duration of the battery if the transmission power is 200mW
1	1	2,6
2	2	4,1
3	4	5,7
4	5	6,2
5	10	7,6
----	----	----
12	30 sec	1,3
13	20 sec	0,9
14	15 sec	0,7
15	10 sec	0,5
16	5 sec	0,3



SONDAS DE MEDICION INALAMBRICAS

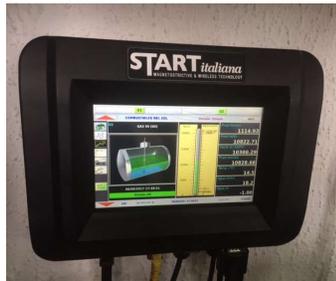
CARACTERISTICAS TECNOLOGÍA INALAMBRICA

- Transmisión RF receiver hasta 1 km línea vista. Condiciones normales 200mts.
- Transmisión no se confunde con otras señales como WI-FI o bandas celulares 1.2- 2.4GHZ
- Desarrollado para ser instalado en un Manhole con carcaza de acero underground.
- Posibilidad de añadir repetidores
- Antena 162-174 MHz
- Omnidireccional
- 2,1 dBi
- RF receiver IP68 para ambientes agresivos
- Función de Wake UP
- 2" de fácil y diferentes opciones de montaje e instalación
- Ahorro máximo en adecuaciones civiles.
- **Baja frecuencia de transmisión 174Mhz (Aprobado por norma exenta SUBTEL 755 -2005 para uso domestico)**



INSTALACIONES

Transpetrol – Punta Arenas
Alámbrica



Minera Santa Laura
Quilicura – Lo Espejo
Inalámbrica



JLC – Lo Espejo
Inalámbrica



Shell San Antonio y Cartagena
Rassé
Alámbrica



Los Morros – Stgo -inalámbrica

