

F1 PLUS TAXIMETER

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Main Features

Dimensions

Width: 17 cm.
Height: 4,5 cm.
Depth: 2,5 cm.

Weight

Gr. 350 ca.

Displays

Fare counter:
6 Digits Red High-Luminosity Led
Extra counter:
5 Digits Red High-Luminosity Led
Illuminated Front Text
1 Digit tariff index

Power Supply

From 8,5 to 16 Volts

Temperature

From -15 to 70 °C.

Relative Humidity

95%

Mechanical Strenght

3 g

Distance Unit

From 10 cm. to 6553 meters
Step 10 cm.

Waiting Time Unit

From 0,1 sec. to 6553
Step 0,1 sec.

Totalizator Mode

Dataflash 1Mb
- 45 + 45 Statistic Memory
- 12 x 45 Monthly Statistic
- 50 x 45 Statistics for each Driver

Tariff Structure

63 Smart and fully independent Tariffs
+8 Night Tariffs
+8 Holiday Tariffs
+4 Autofare Tariffs
+4 Autidistance Tariffs

Tariff Choice

Manual
Radio
Automatic at pre-programmed:
- Distance(s)
- Time(s)
- Date(s)
- Fare(s)
- Amount(s)

Tariff Program Change

Manual by Key
Via Radio
By Programmer
By Chip Card
By Infrared Programmer

Peripheral Connections

Printer
Magnetic Card Reader
Chip Card Reader/Writer
Infrared Passenger Sensor
Mobile Data Terminal
Modem
Cellular Phone

Communications Ports

Internal COM1 and COM2
RS232 +/- 12 Volts STD
4 Input/Output TTL level

Communications Protocols

GSMi
Mobilstar
RomaNet
Telecom It. (Upgradable)

Operative Firmware

Upgradable firmware on Flash

Transducer

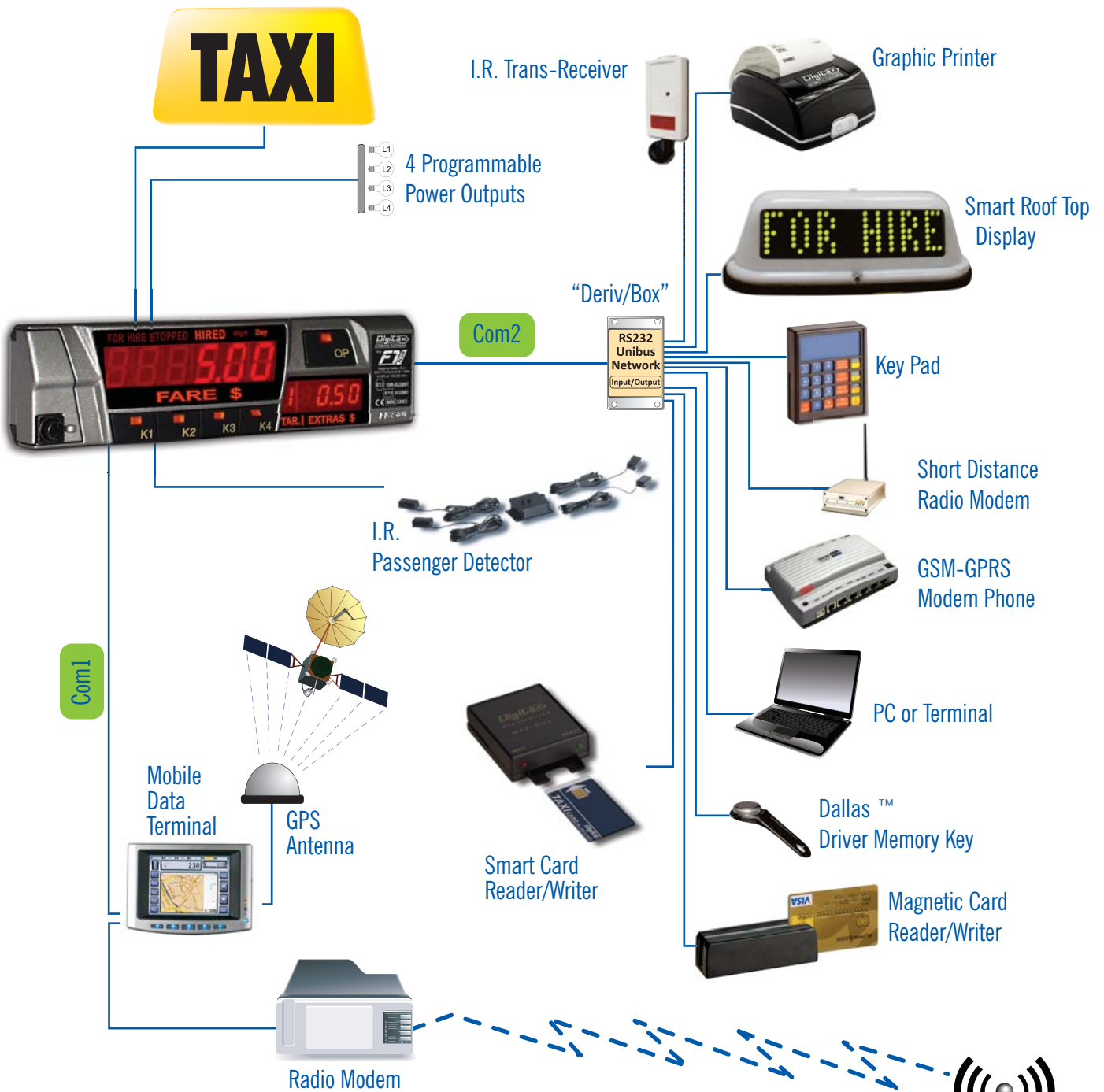
Mechanical Hall Effect or Internal adapter for electronic speedometer up to 100.000 l/km

Power Outputs

1 Roof Light 25 Watts
4 Programmable power outputs 5 Watts



Interfacing System



The **Digitax F1** Taximeter has several communication channels that make possible the communication with the external world. Two independent RS232 serial ports at baud rate from 300 to 38400 and a 4 wire synchro channel plus a special printer driver, allow the interfacing to several devices at the same time. The Commtax 2 included protocol allows remote managing of all the taximeter, magnetic Credit Card reader, chip card and printer functions. The link to a dispatch system or another mobile terminal is accomplished on the RS232 port at any baud rate from 300 to 38400 using a frame structure N, 8, 1: signal level +/- 12 V, using the protocol COMMTAX 2 described in this document.



Digitax Italy Headquarter
 Via dell'Industria 16 - 62017 Porto Recanati (MC) - ITALY
 Phone +39 071 7590984 r.a. - Fax +39 071 9797405
 E-mail info@digitax.com - Web www.digitax.com
 GPS: 43.412423,13.654716



Microsoft Partner
 Silver OEM Hardware

Digitax España

C/Tomás Bretón, 7
 28045 – Madrid
 SPAIN
 Phone +34 902366292
 Fax +34 915271562
 Web: www.digitax-es.com
 E-mail: info@digitax-es.com

Digitax Electronics U.K.

Smokehouse, 31
 Tanners Bank North Shields
 Tyne & Wear NE 30 1 JH
 ENGLAND
 Phone +44 (0191) 296 1294
 Fax +44 (0191) 257 8438
 Web: www.digitax.net
 E-mail: digitaxuk@aol.com

Digitax Deutschland

Taxitech Handelsges. mbh
 Sommerkamp 31a - 22335
 Hamburg
 GERMANY
 Phone +49 40 555 05540
 Fax +49 40 555 05530
 Web: www.digitax-de.com
 E-mail: digitax@taxitech.de

Digitax Nederland B.V.

Postbus 84112
 3009 CC ROTTERDAM
 HOLLAND
 Phone +31 10 4512121
 Fax : +31 10 4500453
 E-mail: h.wittenberg@planet.nl
 E-mail: info@digitax.nl

Digitax CO. Mauritius

P.O. box 775
 Bel Village
 MAURITIUS
 Phone +230 234 4533/4936
 Fax +230 234 5866
 Web: www.mtl-co.net
 E-mail: mtlts@intnet.mu