



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 +/- 12V, using the protocol COMMTAX2 described in this document.



# 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  
GMSI  
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 I/km

Power Outputs  
1 Roof Light 25 Watts  
4 Programmable power outputs 5 Watts



Avionic sale and customer service  
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