

# Aviation Recorders

## PORTABLE INTERFACE/2 – PI/2

The PI/2, P/N 17TES0065, is a multi-functional handheld downloader. This new generation PI/2 incorporates all of the features of the original PI with many enhancements. The PI/2 downloads/monitors:

- Flight Data Recorder Models F1000, FA2100, FA2200
- Cockpit Voice Recorder Models FA2100
- Combination Voice and Data Recorder Models FA2100 and FA2300

### KEY FEATURES

- Sunlight-readable, full-color screen
- Shortcut keys (user-defined) to allow quick access to commonly used functions
- Full Ethernet functionality (FTP data transfer)
- Monitor data words in real time (hex, octal, decimal or binary)
  - Download all data
  - Download since last copy
  - Download since memory marker
  - Download data based on time (XX minutes)
  - Download based on user-defined file size
- Monitor live audio
- Download / playback audio
- Powered by the recorder
- Away from the aircraft, powered through the USB 2.0 interface
- Memory device support for USB drive, SD card and CF card
- Internal memory storage
- USB 2.0 to PC/laptop/tablet for use with ROSE and CATS software



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## PORTABLE INTERFACE/2 – PI/2

### PHYSICAL DIMENSIONS

Weight	10.58 oz (300 g)
Length	5.71 in (145 mm)
Width	3.74 in (95 mm)
Depth	1.42 in (36 mm)
Length (including protruding connector)	5.79 in (147 mm)

### ENVIRONMENTAL

Min. Operating Temperature	-20°C
Max. Operating Temperature	60°C
Min. Storage Temperature	-20°C
Max. Storage Temperature	85°C
IP Rating	IP 40
Tested Impact Resistance (survivable impact from known height on concrete)	3 Meters
EMI Testing	CE & FCC

### USB POWERED 5V NOMINAL

Voltage	5.5VDC max; 4.4 VDC min
Nominal Current	450 mA
Maximum Current	500 mA
Power (@ 28 V, 130 mA)	2.25 W
Power (@ 28 V, 150 mA)	2.5 W

### ISOLATION FILTERING AND SUPPRESSION

#### DISPLAY

Resolution	X= 240 pixels; Y= 320 pixels
Colors	61 K

#### MEMORY

##### INTERNAL MEMORY

RAM	64 MB
SD Card Size	1 GB
Firmware Memory Size	512 KB
Memory Available for Storage	800 KB

##### EXTERNAL MEMORY

###### SD Card or USB Stick

Max Supported Size	8 GB
File System	Fat 32

### CONNECTIVITY

#### USB

Compliant	2.0 Hi-Speed
Max Speed	480 Mbps

#### ETHERNET

Max Speed	100 Mbps
Protocols Supported	HTTP



### KIT PART NO. 17TES0065 INCLUDES

- USB Memory Drive
- FA2100 Interface Cable
- Carrying Case
- USB Power Adaptor
- USB Cable
- Handheld Downloader

### F1000 INTERFACE CABLE (OPTIONAL)

- P/N 024E500100

**WARRANTY** 1-year warranty, see the current price catalog for complete warranty details



L-3 Aviation Recorders Quality Management System is ISO 9001:2000 and AS9100:2004 Rev. B Certified

### Aviation Recorders

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**communications**

**Aviation Recorders**

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This technical data and software is considered as Technology Software Publicly Available (TSPA) as defined in Export Administration Regulations (EAR) Part 734.7-11.

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