

## PI/2 – PORTABLE INTERFACE/2



### Portable Interface

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

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



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### 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 (in 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

# PI/2 – PORTABLE INTERFACE/2



## SPECIFICATIONS

### 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

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

### USB POWERED 5V NOMINAL

Voltage	5.5 VDC maximum 4.4 VDC minimum
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

Maximum Supported Size	8 GB
File System	Fat 32

### CONNECTIVITY

USB Compliant	2.0 Hi-Speed
Maximum 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



### COMPANY CERTIFICATION

L-3 Aviation Recorders Quality Management System is ISO 9001:2008 and AS9100:2009 Rev. C Certified

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