

Product Information

The Mobile and Modem Downloaders



TimeKeeping Systems offers two solutions for remote and mobile data downloading from THE PIPE. Both can download multiple PIPEs, storing up to 7200 button reads for later retrieval. And both work with our advanced GUARD1 PLUS software.

Mobile Downloader

The Mobile Downloader is ideal for supervisory or mobile patrols where it is necessary to gather data from PIPEs at multiple locations. Since it is powered from a wall outlet or automobile cigarette lighter, a supervisor or officer can visit multiple locations, and download the data from PIPEs at each location. The Mobile Downloader retains its data in battery-backed memory until it can be returned to a central location,

where the accumulated data can be downloaded into GUARD1 PLUS.

Modem Downloader

The Modem Downloader transfers data via modem from a remote site. It is useful for downloading PIPE data at small satellite offices or locations where a PC is not available. All it requires is an external modem and a phone line. Our GUARD1 PLUS software manages all of the details, calling the remote site, downloading the Modem Downloader's accumulated data, and clearing the downloader. Although other guard tour systems offer remote downloading, because the Modem Downloader downloads and stores THE PIPE's data, it frees up THE PIPE again for immediate use.

Solutions for Remote and Mobile Data Collection

- Downloads and stores data from multiple PIPEs (subject to available memory)
- Stores data until returned to a host computer
- Lithium back-up battery assures data integrity for up to ten years
- LCD displays date, time, number of records and data transfer status
- Connects to a PC's serial port for data transfer
- Limited, one (1) year warranty

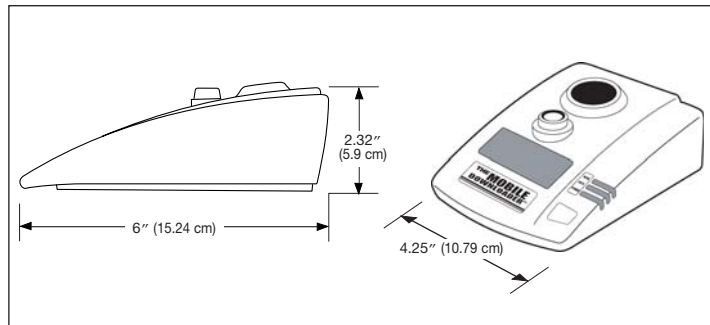
Mobile Downloader

- Automatically detects and downloads PIPEs in the field
- Operates from 12-volt vehicle cigarette lighter outlet

Modem Downloader

- Automatically enters auto-answer and waits for calls from host
- Supports both modem and direct connections to a PC
- Powered by a wall adapter
- Supports all standard external modems

Product Specifications



Part Number

DL-MODEM	Modem Downloader
DL-MOBILE	Mobile Downloader

Mechanical

Dimensions	2.32" height (5.9 cm) 4.25" width (10.79 cm) 6" depth (15.24 cm)
Weight	1 lb. (454 g)

Electrical

Operating Voltage	9V DC
Memory Size	128Kb standard 512Kb available
Button Compatibility	DS 1990 - DS 1994
Data Storage Capacity	Approximately 7200 reads
LCD	2 lines x 16 characters, backlit

Communications

Data	RS-232, full duplex
Data Rate	1200 to 57,600 baud

Environmental

Temperature	
Operating	-4° to +122°F (-20° to 50°C)
Storage	-13° to +140°F (-25° to 60°C)
Relative Humidity	10 - 90%
Altitude	up to 10,000' (3048m)
Vibration (25 - 250Hz)	7G max.

Regulatory

Emissions	FCC and CE approved
Conforms To	IEN 50082-1 IEN 801-2.1984 IEN 801-3.1984 IEN 801-4.1984 IEN 55022.198

All specifications are subject to change without notice.

TimeKeeping
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