



DEWALT MOBILELOCK GPS LOCATOR WITH ANTI-THEFT ALARM is an innovative, wireless system designed to monitor valuable mobile assets wherever are located. MOBILELOCK offers tracking, notification and locating of mobile assets even in most indoor environments. MOBILELOCK is managed through a secure website and phone menu system interface providing alarm dealers with the opportunity to earn recurring revenue on the service.

FEATURES

Alarm Sensors (built in)

- Vibration
- Door Contact
(up to 3/8" gap, tamper resistant hall cell design)
- Tamper
- Low Temperature
- High Temperature

Sounds

- Alarm Siren
- Arm/Disarm
- Paging
- Power Connected/Lost
- All Changes

Attachment

- Built in magnets
- Two mounting holes (#8 clearance)

Communications

Programming and alarms are done wirelessly through a CDMA cellular network utilizing SMS & 1xRTT communication protocols

Power

- Internal battery for cordless operation

- Battery charger/adaptor

Designed so that it can be left plugged in for permanent powered applications with out damage to internal battery

Accessories*

- Extended Run-time, DS505

Utilizing commonly available alkaline cells, the runtime is extended by 8 wks.

- Indoor Motion Detector, DS510

Passive Infrared motion sensor for monitoring rooms for intrusion.

** Door Contact feature not functional when used in DS505 or DS510*



DS500 TECHNICAL SPECIFICATIONS*

MECHANICAL

Size: L x W x H

- 11.2 cm x 8.9 cm x 3.3 cm
- 4.4 in x 3.5 in x 1.3 in

Weight: 250g (8.8oz)

Enclosure:

- UV resistant plastic
- Rainproof
- Crush resistant to >500 lbs
- Holding magnets force 14G's

Vibration: Up to 500Hz random vibration
1.25G rms

Temperature:

- Operating: -20C to +60C (-4°F to 140°F)
- Storage: -40C to +80C (-40°F to 176°F)
- Temperature sensor range
-18C to 50C +/-2C (0F~122F +/- 3.6F)

Humidity: <95% non-condensing

BATTERY

Type: Li-Ion (rechargeable)

Size: 2x 18650

Runtime: 4 weeks **

Recharge: 5 hours **

Life: >5 yrs

PinPoint GPS Solutions
2800 Skymark Avenue, Suite
300, Mississauga, Ontario,
L4W 5A6, Canada

LOCATION TECHNOLOGY

Location Technology:

Qualcomm gpsOne™

Position Accuracy:

- Open sky: 5-10 meters (15 to 30 feet)
- Impaired: <20 meters (<60 feet 95% of the time)

NORTH AMERICAN FREQUENCY BANDS

Cellular band:

- Rx-869 through 894MHz
- Tx-824 through 849MHz

PCS band:

- Rx-1930 through 1990MHz
- Tx-1850 through 1910MHz

GPS band: Rx-1575.42 (L1 carrier)

* Preliminary Specifications: subject to change

** Typical/good conditions, RSSI, temperature, & usage

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DS500



TYPICAL APPLICATIONS





The DS505 EXTENDED RUN-TIME accessory simplifies charging of the MOBILELOCK by eliminating the need to charge from an AC power source. Just install 4 “D” size alkaline batteries and the MOBILELOCK, then close and latch the door. Charging of the MOBILELOCK is now done by the alkaline batteries. Run time is now extended by as much as 8 weeks.¹

FEATURES

Tampers

-Door tamper to alarm when door is opened. Enabled/disabled automatically along with mounting tamper.

-Mounting Tamper to alarm when DS505 is removed from mounting surface.

-Mounting screws protected when door is closed

Attachment

-4 mounting holes with clearance for #8 screw. (screws not included)

Housing

Durable UV and impact resistant housing. Stainless steel & nickel plated hardware for rust resistance.

Run-time¹

8 wks when starting with discharged DS500

12 wks when starting with fully charged DS500

Use only quality batteries for best performance.



DS505 TECHNICAL SPECIFICATIONS*

MECHANICAL

Size: L x W x H

- 22.9 cm x 16.5 cm x 5.8 cm
- 9.0 in x 6.5 in x 2.3 in

Weight:

- 684g net
- 1509g with batteries & DS500

Enclosure:

- Plastic
- Rainproof
- UV resistant

Temperature:

- Operating: -20C to +54C (-4°F to 130°F)
- Storage: -40C to +80C (-40°F to 176°F)

*Remove alkaline batteries for
before storage at extreme
temperatures*

Humidity: <95% non-condensing

ELECTRICAL

BATTERY

- Type: Alkaline (non-rechargeable)
- Size: "D" size, IEC LR20, ANSI 13A
- Number of cells: 4
- Cell voltage: 1.5v nominal
- Output voltage: 6v nominal

BATTERY CONTACTS

- Strap & conical spring
- Corrosion resistant nickel plated steel

* Preliminary Specifications: subject to change

DS505



DS505 PICTURES





The DS510 INDOOR MOTION DETECTOR accessory adds passive infrared motion detection to MOBILELOCK. With up to a 50 ft. range and advanced digital scanning, the DS510 is designed to recognize “human signatures” and reduce false alarms.

FEATURES

Alarm Sensor

- Dual element PIR
- Up to 50 ft detection range
- 90 degree detection angle
- Microprocessor running special signal processing algorithm enhances detection performance

Battery & Runtime

- Greater than 1 year with included battery. (Replacement of battery on yearly schedule recommended)
- Battery strap to aid in battery removal.
- Power for the DS510 is independent and will not affect runtime of the DS500 MOBILELOCK.

Attachment

- Middle or corner wall mount
- Mounting holes (#8 clearance)
- Removal tamper

Charge Port

- DS500 MOBILELOCK can be charged or continually powered by connecting the AC adapter to the port at the bottom of the DS510.
- Note: The DS510 will still require yearly battery replacement.



DS510 TECHNICAL SPECIFICATIONS*

MECHANICAL

Size: L x W x H

- 23.6 cm x 13.7 cm x 6.4 cm
- 9.3 in x 5.4 in x 2.5 in

Weights:

- 408g net
- 676g with battery and DS500

Enclosure:

- Plastic
- Indoor

Temperature:

- Operating: -20C to +50C
- Storage: -40C to +80C

BATTERY

Type: Li-Ion (primary)

Size: CR123

Runtime: > 1 year

Location: Under door in back of DS510, pull on battery removal strap to aid in removing battery.

SET-UP

Procedure:

- Install included CR123 battery
- Insert DS500 w/bias wedge
- Mount DS510 to wall at approximately 6 ft. height
- Check "Motion Detector (DS510 only) box and select "Submit Sensor Changes" on MOBILELOCK web page.
- Initiate "walk" test by sliding door magnet along left side of lens. "Walk" test LED will blink and alarm will be sent every few seconds when motion is detected. After 1 minute unit will automatically resume normal operation.



* Preliminary Specifications: subject to change



DS510 INSTALLATION AND USE TIPS

Do

- Place the DS510 so that there is at least 5 feet of unobstructed view in front of the unit.
- Mount the unit so that an intruder will have to walk across the detection pattern, rather than towards the detector.
- Install the DS510 to a height of 6 or 7 feet with the lens down.
- Install a new battery every year.

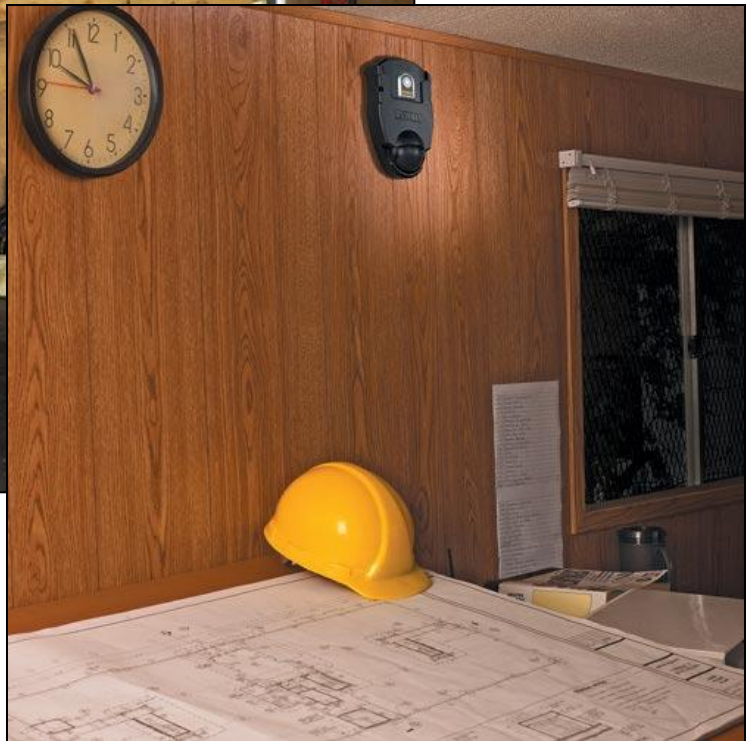
Do Not

- Do not mount the unit facing windows or any source of rapidly changing heat or cold air.
- Do not allow animals and drafts in motion detection area. Block all openings into the area to prevent animals and drafts from causing false alarms.
- Do not mount on a surface that may move or vibrate. Movement of the DS510 may cause false alarms.

DS510



DS510 TYPICAL APPLICATIONS





DS525 – Product Information



DS525 MOBILELOCK™ Equipment Power Supply

Connect the DS500 to a 12V or 24V Battery; eliminates the need to recharge MOBILELOCK

- Protect heavy construction equipment such as backhoes, loaders, and tractors

Cables and connectors included for ease of installation

- Durable and weather resistant to be used in heavy construction equipment



DS520 – Product Information



DS520 MOBILELOCK™ Universal Sensor Input Adaptor

The DS520 Adaptor is designed to integrate external security sensors into the DS500 MOBILELOCK.

- Interfaces with a variety of security sensors
- Monitors closed sensor for a change of state multiple sensors can be wire to the unit in a closed circuit
- Provides a signal to the DS500 Base Unit when enabled and system is Armed
- Easy wire up with (+) / (-) terminal block
- Pass through port enables charging of the DS500 Base Unit
- Internal tamper switch alarms if cover is opened when Armed

