DMM | iD

Start Up
User Guide

DMM iD READER

Stylus

Green Light
Successful read

Red Light
Unsuccessful read

On / Off
Press to turn on
Press & hold to turn off

Scan
Press & hold to scan
iD Tags

Bluetooth®

Flashing = Ready to pair
On = Paired
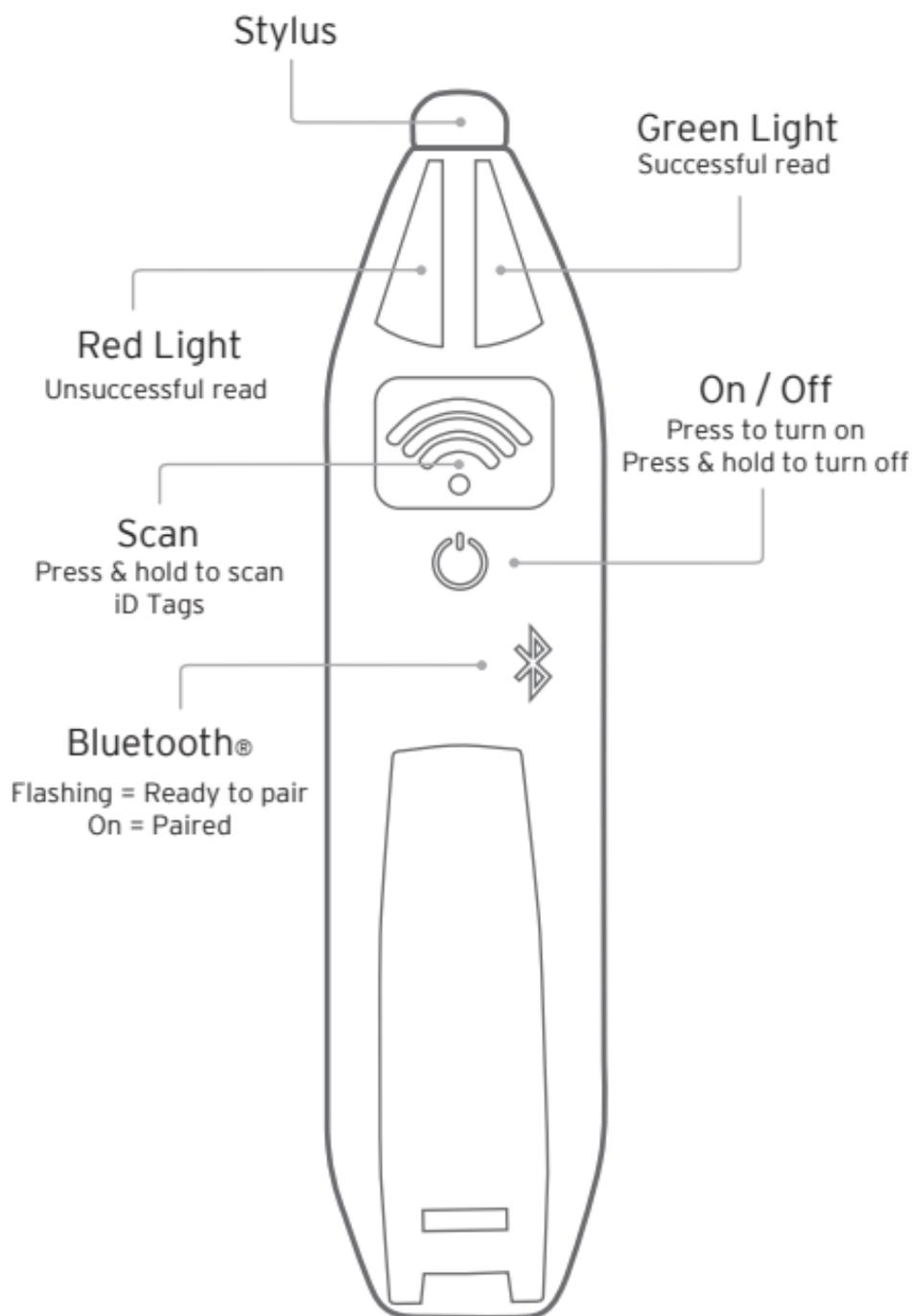
COMPATIBLE DEVICES

"Scan your DMM iD serial number into any field where the cursor flashes"

Your DMM iD Reader is compatible with any bluetooth® enabled device

• PC & Mac
• iPad & Andoid tablets
• iPhone, Android & Windows 10 phones

DMM iD Reader is compatible with any software

• Safety management software
• Microsoft Office
• Database systems

For efficient PPE management
DMM recommends Papertrail.io

BLUETOOTH® PAIRING

• To pair with your device, navigate to Bluetooth menu within your device settings and turn Bluetooth on.

• Turn iD Reader on by pressing the on/off button.

• The red/green lights will flash once and the Bluetooth light will start to flash.

• Your device will show "DMM iD" followed by the reader serial number. Select this to pair with your device.

• When pairing is successful "DMM iD xxx" will show as connected on your Devices List and Bluetooth light will stay on.

• Next time you turn your reader on and your Bluetooth is turned on in your device settings, iD Reader will pair with your Bluetooth device automatically.

• If it doesn't pair automatically, open Bluetooth menu within the device settings and select iD Reader from your Bluetooth device list.

• DMM iD Reader is programmed to automatically turn off after 3 minutes if you have not connected to a Bluetooth device and after 10 minutes if you are connected to a bluetooth device. Simply press the on/off button again to turn iD Reader back on.

KEYBOARD TOGGLE

The DMM iD Reader is considered as a 'keyboard' by any Bluetooth® device. Where a touch screen device relies on a touch screen keyboard, you will have to 'toggle' the keyboard on and off screen to change between reading the tags and typing additional information.

Toggle the keyboard on and off screen by pressing the on/off button while iD Reader is connected.

READING DMM iD TAGS

• Press on/off button. Red/green lights will flash once and blue light will start to flash.

• Connect to Bluetooth device, blue light will stay on when connected.

• Open your managment software and click into any field or search bar.

• Locate iD tag on product to be read.

• Hold the iD reader stylus in contact with iD tag and press the read button.

• A green light and audible beep will confirm successful read.

• iD serial number will be automatically typed into the selected field.

• If red light flashes scan was unsuccessful.

• To turn iD Reader off, press and hold on/off button until red/green lights flash.

WEB & MOBILE APPS

To access and download accurate product information for DMM iD products go to

dmmwales.com/id

Product info & Certificate of Conformity can be downloaded as .csv files or PDF, these include:

• Serial number
• Part number
• Date of manufacture
• Lifespan
• Inspection frequency
• Minimum breaking strength
• EN conformity
• User instructions

To access this product information on your mobile device search for DMM iD on the Apple or Google Play Stores and download our Android or iOS App.
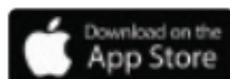
RETROFIT iD TAGS

To tag your non DMM iD PPE we have developed a supporting range of retrofit UHF RFID tags. These can be used to tag harnesses & other textile products, metal devices, plastic products and ropes.

iD ZIP TIE
- Unique serial number
- Strong injection moulded tie
- For use on any material
- IP68

iD HELMET STICKER
- Unique serial number
- 30mm diameter
- 3M adhesive
- Approved for plastic helmets
- IP68

iD ROPE LABELS
- Unique serial number
- Durable low profile label
- Supplied on a roll for customers to print onto
- Supplied with low profile adhesive heatshrink
- IP68

iD DOT & ADHESIVE

For use on metal devices
where it is appropriate to
glue an iD ot to the product:

- DMM recommends Penloc® 1:1 adhesive
- Please follow guidance on Penloc® 1:1 syringe
- Select flat, non-obtrusive surface
- Do not alter/impair the function of the product
- Do not cover any product markings on the device
- Wipe the area with an alcohol wipe
- Do not use Methylated Spirits or White Spirits
- Dry surface thoroughly
- Apply small bead of Penloc® 1:1 adhesive
- Push iD Dot onto bead of adhesive
- Wipe clean any excess adhesive
- Working strength achieved in 3 - 5 minutes
- Full strength achieved in 1 hour
- See reverse for further instructions

For more information on suitable useage of
DMM iD Retro-fit tags go to **dmmwales.com/id**

**N.B - All Retro-Fit iD Tags must be carefully
placed to ensure that the safety and performance
of the tagged PPE, and its safety and
compatibility with other system parts, are
not affected.**

PENLOC® 1:1

Penloc® 1:1 is a fast curing, 2-part toughened acrylic structural adhesive. Penloc will bond almost any material combination including most metals, plastics, glass, wood, concrete, GRP, modern composites, stone and much more in any combination.

Penloc will cure to a handling strength in approx. three to five minutes depending on the ambient temperature and will fully cure in one hour.

Penloc can be applied to untreated surfaces, but we recommend cleaning with Isopropyl alcohol or acetone prior to bonding. Do not use methylated or white spirits to clean surfaces as these will degrade the adhesive and over time will cause or lead to failure. Penloc will tolerate usual weathering and temperatures between -55ºC and +125ºC but it is not recommended for prolonged immersion in water.

Place 12ml syringe with green cap pointing downwards onto a flat surface and apply firm pressure, to enable two pins in the green cap to pierce the membranes of the syringe cartridge. Hold the syringe, remove cap and gently depress the plunger to ensure A+B components flow evenly and any trapped air is purged. Now firmly push fit the mixer nozzle onto the end of the syringe. Position your thumb on the raised triangle on the end of the plunger and gently apply even pressure to dispense the adhesive.

Ensure that the components to be bonded are pressed firmly together with no movement or slippage and leave to set for a minimum of five minutes at room temperature (21ºC) or longer if colder. This will allow the adhesive to cure to handling strength. The adhesive will continue curing for approximately one hour, however 95% of its final bond strength will be achieved in the first five minutes. It is possible to clean off any excess adhesive in the first minute of applying the adhesive using Isopropyl alcohol and a clean low lint cloth.

TROUBLE SHOOTING

• If iD Reader can not be found on device's bluetooth list, turn both reader and device's bluetooth off and on again. Then select select "DMM iD xxx"

• If after pairing iD Reader and "iD Reader xxx" is visible on bluetooth device list, but bluetooth light on iD Reader continues to flash, pairing has been unsuccessful. Repeat above step

• If you are re-connecting iD Reader to your bluetooth device, having successfully paired, but iD Reader is not connecting to device (Bluetooth light is flashing), make sure Bluetooth is turned off on surrounding devices which also been paired to iD Reader. Turn iD Reader off then on again and retry

• If iD Reader is visible on "paired devices" list, but is not typing iD serials into device, select "DMM iD xxx" on bluetooth device list and select to "forget or delete device". Repeat pairing steps

• If iD Reader is not successfully reading the tags, make sure read button is pressed (red light flashing) and approach tag location again with stylus

• If Red light does not flash on pressing the Read button you will need to reset the iD Reader. To reset the iD Reader, switch off device by pressing and holding on/off button. Then press and hold both on/off & scan buttons until red/green lights flash

iD TAG LOCATIONS ON DMM PRODUCTS

DMM iD tags are found in different locations depending on the product they are within. Refer to product specific instructions for exact locations on each product

• Carabiner iD tags - small black circles on carabiner gate

• Sling iD tags - located within the bar tack stitching

• Harness iD tags - refer to each harness instruction

• iD Rope Label tags - located under iD logo on label

• iD Zip Tie tags - located in the circular part of the cable tie

POWER SUPPLY
Only use USB cable supplied with the DMM iD Reader. Use of an alternative power supply will invalidate any approval given to this device, void the warranty for the product and may be dangerous.

BATTERY REPLACEMENT
DMM iD Reader batteries are not user replaceable, this is a DMM service. Return to DMM for this service. Customer assumes all costs and risks associated with this transportation; return shipment to the customer will be at DMM's expense.

MAINTENANCE
Protect the DMM iD Reader from temperature extremes. Do not leave it on the dashboard of a car on a hot day, and keep it away from heat sources. Do not immerse it in water. If in the event of the DMM iD Reader ceasing to function within the warranty period inform DMM within 7 days and return to DMM. Customer assumes all costs and risks associated with this transportation; return shipment to the customer will be at DMM's expense. Customer shall be responsible for return shipment charges for product returned where DMM determines there is no defect, or for product returned that DMM determines is not eligible for warranty repair.

REPAIR OF DMM iD READER
Repairs to DMM iD Reader, including repairs covered by warranty, are warranted against defects in workmanship and materials on the repaired component of the product for a period of thirty days from the shipment date of the repaired product, or until the end of the original warranty period, whichever is longer. Any such defects shall be notified to DMM in writing within 7 days of becoming apparent.

WARRANTY

DMM's Electrical RFID products are warranted against defects in workmanship and materials for a period of twelve months from the date of shipment, unless otherwise provided by DMM in writing.

DEVICES & SOFTWARE

DMM is not responsible for any damage to or loss of any software programs, data or removable data storage media, or the restoration or reinstallation of any software or data.

WASTE ELECTRICAL AND ELECTRONIC EQUIPMENT

For EU Customers: All products at the end of their life must be returned to DMM for recycling. For information on how to return product please contact DMM.

RF EXPOSURE GUIDELINES

Safety information – To reduce RF exposure only use the device in accordance with the instructions supplied. To comply with FCC RF exposure compliance requirements this unit must be operated in the hand with a minimum separation of 20cm from the body and other persons. Other operating configurations should be avoided. This unit must not be co-located or operated in conjunction with any other transmitter / antenna.

FCC WARNING STATEMENT

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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