DMM iD RANGE GUIDE 2020

DMM iD 2.0

SCANNABLE PPE

DIGITAL INSPECTION & INVENTORY

DMM iD - How it Works

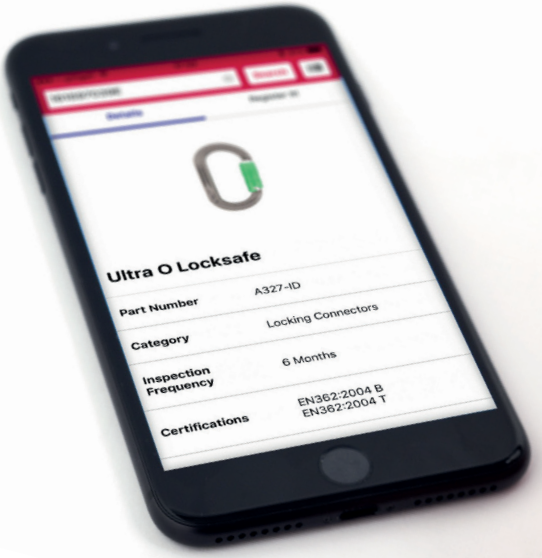
- iD Reader connects to any device with Bluetooth®
- Works like a keyboard, entering serials into any field

- PPE with built-in iD Tags
- Retrofit iD Tags for tagging current assets

- iD Search mobile or web app: dmmwales.com/iD
- Product data, images, EU DoC & Instructions
- Download & save in management system

- Digital product data available as .CSV
- Record inspections in Excel or import into your choice of software

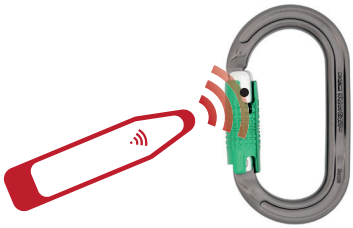
- Import DMM iD product data directly into Papertrail
- Free records for DMM iD products
- www.papertrail.io



AVAILABLE TODAY

› DMM iD 1.0 - Read on Contact: Inspection

Building UHF tags into our PPE, and offering compact & durable iD Tags for "hard to mark" assets, signigicantly improves identification & inspections.



NEW FOR 2020

› DMM iD 2.0 - Distance Reading: Inspection & Inventory

Complementing our current UHF RFID solution, you can now improve your asset inventory management, by reading multipe items at the same time, from a distance.

Connectors are not able to be read from distance, so would be grouped into kitbags, and the kitbag iD Tag would be picked up from a distance.

BESPOKE SOLUTIONS

› Potential with UHF RFID: Passive Data Collection

Continuing with the benefits of UHF RFID it is possible to read larger, non-metalic assets in the locations they are in, such as vehicles or store rooms, or as they pass gateway locations.

DMM iD can be used 'out of the box' as a complete solution, or can compliment UHF RFID solutions installed at customer locations.

iD Reader & Retrofit iD Tags

To compliement DMM iD PPE, and allow you to tag your current assets, we have developed a range of retrofit UHF RFID tags, which are compact & durable, specific for use on PPE.

› iD Reader

Bluetooth®
Reads on Contact

› connect to any device with Bluetooth®
› or use with USB HID converter + USB cable
› works like a keyboard
› reads serial into any software

› iD Zip Tie

Harness gear loops
Kit bags & textiles

for use on:
› harness gear loops
› kit bags
› assets with max 4cm Ø
› works on metal

› iD Dot

7mm Diameter for use on flat metal items

for use on:
› metal devices
› best placed in a recess
› iD Glue available
› not recommended for retrofit to carabiners

› iD Rope Label

Supplied with pre-cut adhesive lined heatshrink

for use on:
› low stretch Rope
› will not pass a device
› use on tail of tied-off end

› iD Helmet Sticker

using 3M adhesive approved for plastic helmets

for use on:
› inside of helmet
› needs smooth surface & concave shape to achieve good bond

'Distance' UHF Readers & Compatibility

DMM iD started with 'read on contact', due to the challenges of reading RFID tags 'on or in-metal' items, but we chose UHF RFID so we could add 'distance' & multiple item scanning, to our solution.

This is currently possible with large / non-metalic items, using 'large antenna' UHF RFID tags, which we currently build into our Centre Harness range, sewn rope terms, Coron Helmet and Retrofit Rope Label & Helmet iD tags.

Distance scanning is possible for some metalic items, but not for our iD Carabiners. These continue to be managed by our iD Reader, but can be connected to 'distance' scannable iD Tags, in order inventory with the 'distance' reader.

› Ultra O iD

A true oval connector that accommodates multiple attachments and gives stable loading.

MAJOR AXIS: **25kN**
MINOR AXIS: **12kN**
GATE OPEN: **7kN**

› PerfectO iD

A compact oval connector. Available with removable captive bar.

MAJOR AXIS: **24kN**
MINOR AXIS: **7kN**
GATE OPEN: **7kN**

› 30kN Boa HMS iD

A large, strong, pear-shaped connector with a curved rope basket that fits multiple attachments.

MAJOR AXIS: **30kN**
MINOR AXIS: **12kN**
GATE OPEN: **9kN**

› Ceros iD

The Ceros design and Rhino horn help align loads in the correct orientation. Available with wire gate or removable captive bar.

MAJOR AXIS: **25kN**
MINOR AXIS: **7kN**
GATE OPEN: **7kN**

› Phantom iD

The Phantom is a featherweight at just 42 grams, yet strong despite its minimal weight, and still useable with gloves on.

MAJOR AXIS: **24kN**
MINOR AXIS: **9kN**
GATE OPEN: **9kN**

› Belay Master iD

Closing the clip on the Belay Master ensures the carabiner is safe for use. It can only be closed when the gate is screwed shut.

MAJOR AXIS: **25kN**
MINOR AXIS: **10kN**
GATE OPEN: **8kN**

› Klettersteig iD

A high volume connector with a wide gate opening for ease of use with thick ropes and webbing.

MAJOR AXIS: **30kN**
MINOR AXIS: **14kN**
GATE OPEN: **10kN**

› Ultra D iD

A modern classic D-shape connector.

MAJOR AXIS: **30kN**
MINOR AXIS: **12kN**
GATE OPEN: **9kN**

› Revolver Rig iD

A connector with an integrated pulley sheave, removable captive bar and a full strength, textile friendly becket.

MAJOR AXIS: 25kN
MINOR AXIS: 7kN
GATE OPEN: 7kN

› Revolver Rig Twin iD

A connector with double integrated pulley sheaves, removable captive bar and a full strength, textile friendly becket.

MAJOR AXIS: 25kN
MINOR AXIS: 7kN
GATE OPEN: 7kN

Steel Connectors

› 10mm Steel Oval iD

An industry classic, steel, true oval connector that gives stable loading.

MAJOR AXIS: 30kN
MINOR AXIS: 12kN
GATE OPEN: 10kN

› 12mm Steel Klettersteig iD

A high volume, very strong steel connector with a wide gate opening for use with thick ropes and webbing.

MAJOR AXIS: 45kN
MINOR AXIS: 12kN
GATE OPEN: 12kN

› I-Beam Shadow iD

A lightweight, high volume steel carabiner that can fit multiple attachments and handles well with thick gloves.

MAJOR AXIS: 40kN
MINOR AXIS: 18kN
GATE OPEN: 20kN

› 12mm Steel Boa iD

A strong steel HMS connector with a large gate opening and stable loading characteristics.

MAJOR AXIS: 40kN
MINOR AXIS: 10kN
GATE OPEN: 12kN

› I-Beam Steel Ultra O iD

A durable, clean nose, true oval carabiner that gives stable loading characteristics.

MAJOR AXIS: 30kN
MINOR AXIS: 18kN
GATE OPEN: 14kN

› Brenin Slidelock iD

Improving on our classic Brenin harness, with increased durability, safety point colour coding and new Slidelock stainless buckles. Vertical tie-in-points & belay loop design.

› Brenin Threadback iD

A new harness/buckle combination for 2020, bringing all day confidence buckles to the Brenin design.

› Centre Slidelock iD

A robust centre harness with a horizontal tie-in point, now with increased durability, larger size tolerance for the smaller user, safety point colour coding and new Slidelock stainless buckles.

› Centre Threadback iD

A robust centre harness with a horizontal tie-in point, now with increased durability, larger size tolerance for the smaller user, safety point colour coding and new Threadback stainless buckles.

› Chest Harness iD

For increased security in situations where inversion is possible, using our new Slidelock stainless buckles for easy adjustment. Now with DMM iD as standard.

› Bridge Sling iD

The Bridge Sling increases the speed and security of connecting our Chest and Centre harnesses. Available in Small and Large sizes.

› Coron Helmet iD

The Coron Helmet is designed for outdoor centres, adventure parks and group use. Featuring a durable ABS shell, EPS liner, ratchet wheel adjustment, centre replaceable components, non-absorbent materials & DMM iD as standard, the Coron has been developed with intensive use in mind.

› Low Strech & Dynamic Rope Lanyards

11mm Low-Stretch or Dynamic ropes with compact & snag free sewn teminations

STRENGTH: **22kN**

60cm
80cm
140cm
175cm

› Low Stretch Rope

All of our Worksafe & Worksafe Plus ropes are available supplied with iD Labels at each end, and digital batch data online

DIAMETER: **10.0 / 10.5 / 11mm**

› 16mm Nylon Slings

Narrow nylon slings

STRENGTH: **22kN**

50cm
120cn
240cm

› 26mm Nylon Slings

Wide nylon slings

STRENGTH: **30kN**

50cm
120cn
240cm

› Edgehog Mono iD

Made from marine-grade 316 stainless steel, the Edgehog is a durable and robust solution to working safely under gratings. Edgehog Mono fits onto 30mm square gratings used on most modern industrial builds and grating replacement programs.

MAX ROPE DIAMETER: **13mm**

› Wire Lanyard iD

Lanyard made from 6mm galvanised steel wire with clipping thimbles. PVC tubing helps protect the anchor structure.

STRENGTH: **24kN**

35cm
50cm
100cm
150cm
200cm

› Linkit iD

Linkits are the missing link in lightweight compact rigging. Based around a 'boss and yoke' concept, this line of connecting components is compatible with a range of DMM products, such as Compact Shackles, Focus and Nexus.

These CE-compliant elements open up a world of creative rigging options with the added advantage of making discrete systems possible. They enable very short connections making them ideal for heightconstrained situations and confined spaces.

› Linkit B2

› Linkit Y3

› Linkit B3

› Hitch Climber Eccentric iD

The Hitch Climber Eccentric is an evolution of the classic Triple Attachment Pulley that became widely known as the 'Hitch Climber'. The design improvements are the result of over a decade of Hitch Climber design and manufacturing expertise, together with feedback from climbers.

› Rigger Pulley iD

The Rigger pulley has similar user geometry to the classic Triple Attachment Pulley but the new side plate and axle construction increases the MBS to 40kN. Roller bearings and increased fairleads improve the efficiency and an additional M5 nut/bolt hole allows for semi-permanent attachment to a harness bridge.

MBS: 40kN
WLL: 8kN

› Rigger Becket Pulley iD

The Rigger Becket Pulley has all the advantages of the Rigger Pulley but also has a full strength becket to increase the options in complex rigging scenarios.

MBS: 40kN
WLL: 8kN

› Gyro Twin iD

Dual Sheave, swing cheek pulley with a full strength central becket. Prusik minding design allows for progress capture. Now compatible with 13mm ropes.

MBS: 50kN
WLL: 10kN

› Gyro PM iD

A high strength, prusik minding pulley with high efficiency roller bearings that can be used for rescue loads. Now compatible with 13mm ropes.

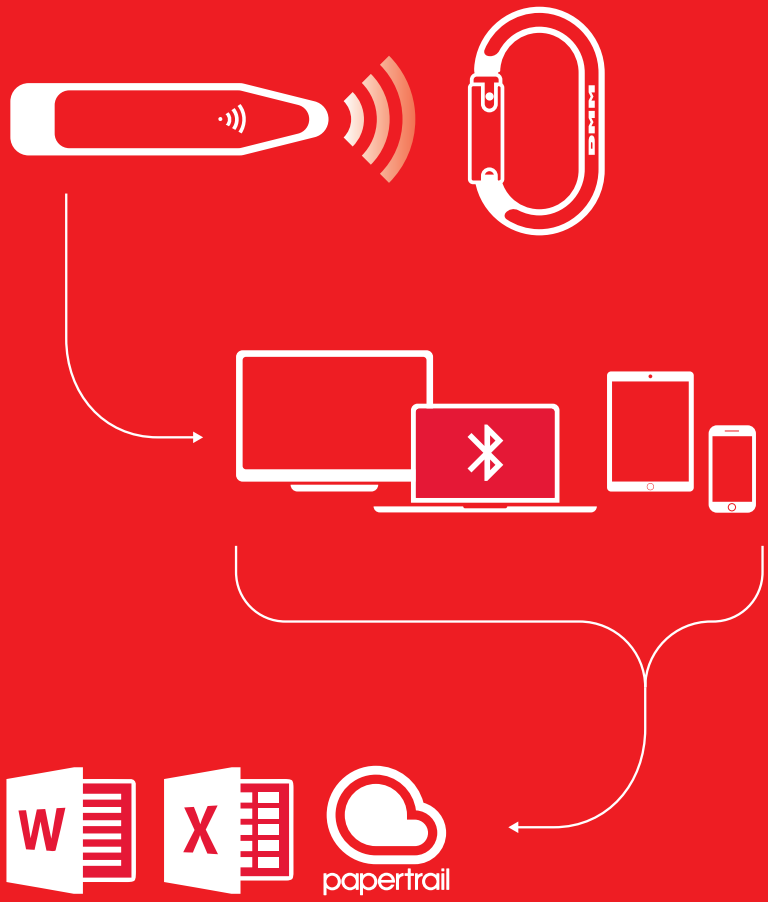
MBS: 50kN
WLL: 10kN

› Gyro iD

A strong swing cheek pulley with high efficiency roller bearings that can be used for rescue loads. Now compatible with 13mm ropes.

MBS: 50kN
WLL: 10kN

BMC
6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