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	1153	1128	2128	2128P	2128L	1166	2166			
Read Range	Up to 2 m (6.5 ft)	Up to 5.5 m (18 ft)	Up to 6 m (19.6 ft)	Up to 9 m (29.5 ft)	Up to 15 m (49 ft)* <small>*Orientation dependent</small>	Up to 9 m (29.5 ft)	Up to 9 m (29.5 ft)			
Maximum RF Output Power	Up to 26 dBm EIRP (region dependant)	Up to 32 dBm EIRP (region dependant)	Up to 33 dBm EIRP (region dependant)	Up to 34 dBm EIRP (region dependant)	Up to 35 dBm EIRP (region dependant)	Up to 34 dBm EIRP (region dependant)	Up to 34 dBm EIRP (region dependant)			
IP Rating	IP54	IP54	IP54	IP54	IP54	IP67	IP67			
Bluetooth® version	Bluetooth® 2.1	Bluetooth® 2.1	Bluetooth® 4.2 <small>Supports Classic, BLE & IAP2</small>	Bluetooth® 4.2 <small>Supports Classic, BLE & IAP2</small>	Bluetooth® 4.2 <small>Supports Classic, BLE & IAP2</small>	Bluetooth® 2.1	Bluetooth® 4.2 <small>Supports Classic, BLE & IAP2</small>			
Apple Mfi certified	Yes	Yes	Yes	Yes	Yes	Yes	Yes			
Optional 2D barcode imager	Yes	Yes	No	Yes	No	Yes	Yes			
Internal Storage	Up to 32 GB* <small>*via Micro SD card (not supplied)</small>	Up to 32 GB* <small>*via Micro SD card (not supplied)</small>	Up to 32 GB* <small>*via Micro SD card (not supplied)</small>	Up to 32 GB* <small>*via Micro SD card (not supplied)</small>	16 GB* <small>*For units manufactured in August 2020 onwards. Units manufactured before this date will be 8 GB.</small>	16 GB* <small>*For units manufactured in August 2020 onwards. Units manufactured before this date will be 4 or 8 GB.</small>	16 GB* <small>*For units manufactured in August 2020 onwards. Units manufactured before this date will be 8 GB.</small>			
No. of tags that can be stored on an SD card (Batch Data Mode)	Up to 500 million tags <small>*via Micro SD card (not supplied)</small>	Up to 500 million tags <small>*via Micro SD card (not supplied)</small>	Up to 500 million tags <small>*via Micro SD card (not supplied)</small>	Up to 500 million tags <small>*via Micro SD card (not supplied)</small>	Up to 250 million tags <small>*For units manufactured in August 2020 onwards.</small>	Up to 250 million tags <small>*For units manufactured in August 2020 onwards.</small>	Up to 250 million tags <small>*For units manufactured in August 2020 onwards.</small>			
Tag de-duplication (removes duplication of tag reads)	Software Based	Software Based	Software Based	In-reader tag de-duplication	In-reader tag de-duplication	Software Based	In-reader tag de-duplication			
On-board accelerometer	No	No	No	Yes	Yes	No	No			
Drop Spec	1.2 m* <small>*Multiple drops to concrete: 4 ft./ 1.2 m ambient, 3ft / 0.9m across the operating temperature range.</small>	1.2 m* <small>*Multiple drops to concrete: 4 ft./ 1.2 m ambient, 3ft / 0.9m across the operating temperature range.</small>	1.2 m* <small>*Multiple drops to concrete: 4 ft./ 1.2 m ambient, 3ft / 0.9m across the operating temperature range.</small>	1.2 m* <small>*Multiple drops to concrete: 4 ft./ 1.2 m ambient, 3ft / 0.9m across the operating temperature range.</small>	1.2 m* <small>*Multiple drops to concrete: 4 ft./ 1.2 m ambient, 3ft / 0.9m across the operating temperature range.</small>	1.8 m* <small>*Multiple drops to concrete: 1.8 m ambient.</small>	1.8 m* <small>*Multiple drops to concrete: 1.8 m ambient.</small>			
Mounting Options for Smartphone or Hand-Held Terminal	Wearable (back of hand)	Slide-on Mounts* 	ePop-Loq® Mounts 	ePop-Loq® Mounts 	ePop-Loq® Mounts 	Pop-Loq® Mounts 	ePop-Loq® Mounts 			
Docking Options		 Docking Cradle* Order 1128-CRD-02-KIT <small>*Slide-on Mounts must be removed from the 1128 in order to use the Docking Cradle</small>	 Docking Cradle Order 2128-CRD-03-KIT	 Docking Cradle Order 2128-CRD-03-KIT	 Docking Cradle Order 2128-CRD-02-KIT	 Docking Cradle Order 1166-CRD-01-KIT	 Docking Cradle Order 1166-CRD-01-KIT			
Battery	 L Battery	 XL Battery  Power Handle <small>(order: 2102-PH-Y)</small>	 XL Battery  Power Handle <small>(order: 2102-PH-Y)</small>	 XL Battery  Power Handle <small>(order: 2102-PH-Y)</small>	 Built-in Power Handle	 High Capacity Battery	 High Capacity Battery			
Minimum operating time ¹	Light use ² : 10 hrs Moderate use ³ : 6.5 hrs Heavy use ⁴ : 2.5 hrs	6 hrs 3.5 hrs 1.5 hrs <small>Light use²</small> <small>Moderate use³</small> <small>Heavy use⁴</small>	16 hrs 9 hrs 4.5 hrs <small>Light use²</small> <small>Moderate use³</small> <small>Heavy use⁴</small>	6.5 hrs 4.5 hrs 2 hrs <small>Light use²</small> <small>Moderate use³</small> <small>Heavy use⁴</small>	17 hrs 11.5 hrs 6 hrs <small>Light use²</small> <small>Moderate use³</small> <small>Heavy use⁴</small>	8.5 hrs 5 hrs 2.5 hrs <small>Light use²</small> <small>Moderate use³</small> <small>Heavy use⁴</small>	22.5 hrs 13 hrs 7.5 hrs <small>Light use²</small> <small>Moderate use³</small> <small>Heavy use⁴</small>	Light use ² : 22.5 hrs Moderate use ³ : 15.5 hrs Heavy use ⁴ : 7 hrs	Light use ² : 25 hrs Moderate use ³ : 16.5 hrs Heavy use ⁴ : 8 hrs	Light use ² : 25 hrs Moderate use ³ : 18 hrs Heavy use ⁴ : 10.5 hrs
Tag Reads per single battery charge	1 million	1 million	1 million 2.3 million	1 million 2.3 million	2.3 million	2.6 million	2.6 million			
Charge Time	2 hrs	2.5 hrs	2.5 hrs 5 hrs	2.5 hrs 5 hrs	5 hrs	2.5 hrs	2.5 hrs			
Country Certifications	ETSI/Europe FCC/USA Brazil China Colombia Ecuador El Salvador Guam Guatemala India Kazakhstan Northern Mariana Islands	Puerto Rico Russia Thailand Ukraine	ETSI/Europe FCC/USA Australia Bangladesh Brazil Canada Chile China Colombia Ecuador El Salvador Guam Guatemala	Hong Kong India Japan Malaysia Northern Mariana Islands Peru Puerto Rico Singapore South Korea Taiwan Thailand Vietnam	ETSI/Europe FCC/USA Australia Bangladesh Canada Colombia Ecuador Guam Guatemala India New Zealand Northern Mariana Islands	ETSI/Europe FCC/USA Bangladesh Ecuador Colombia Guam Guatemala India Northern Mariana Islands Puerto Rico	ETSI/Europe FCC/USA Algeria Bangladesh Brazil Brunei Canada China Colombia Ecuador Egypt El Salvador Guam	Guatemala Indonesia Japan Kazakhstan Malaysia New Zealand Northern Mariana Islands Pakistan Puerto Rico Russia Thailand Vietnam	ETSI/Europe FCC/USA Bangladesh Canada Colombia Ecuador Guam Guatemala Northern Mariana Islands Puerto Rico	
Keyboard Support (in HID Mode)	US HID Keyboard Support	US HID Keyboard Support	International HID Keyboard Support	International HID Keyboard Support	International HID Keyboard Support* <small>*Enquire when ordering</small>	US HID Keyboard Support	International HID Keyboard Support			

¹ Figures are based on new units that have been stored, charged and operated within the Environmental Specifications stated on the Reader datasheet. Units stored over 3 months must be recharged every 3 months. Number of transponders in the environment affects minimum operating time.
² Light Use: Continuous RFID inventories for 20s of every 120s
³ Moderate Use: Continuous RFID inventories for 10s of every 30s
⁴ Heavy Use: Continuous RFID inventories for 5s of every 60s