## Comparison of TSL® Mobile UHF RFID Readers

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<tr>
<th>Model</th>
<th>Read Range</th>
<th>Maximum RF Output Power</th>
<th>IP Rating</th>
<th>Bluetooth® version</th>
<th>Internal Storage</th>
<th>No. of tags that can be stored on an SD card</th>
<th>Tag de-duplication</th>
<th>Drop Spec</th>
<th>Mounting Options for Smartphone or Hand-Held Terminal</th>
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<th>Tag Reads per single battery charge</th>
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<tbody>
<tr>
<td>1128</td>
<td>Up to 6 m (19.6 ft)</td>
<td>32 dBm EIRP</td>
<td>IP54</td>
<td>Bluetooth® 2.1</td>
<td>Up to 32 GB*</td>
<td>Up to 500 million tags</td>
<td>Software Based</td>
<td>1.2 m*</td>
<td>Slide-on Mounts</td>
<td>Docking Cradle (order: 1128-CRD-02-KIT)</td>
<td>Standard Battery</td>
<td>1 hr 50 m</td>
<td>1 hr</td>
<td>1 million</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1166</td>
<td>Up to 9 m (29.5 ft)</td>
<td>34 dBm EIRP</td>
<td>IP67</td>
<td>Bluetooth® 2.1</td>
<td>4 GB</td>
<td>Up to 62 million tags</td>
<td>Software Based</td>
<td>1.8 m*</td>
<td>Pop-Loq® Mounts</td>
<td>Docking Cradle (order: 1166-CRD-01-KIT)</td>
<td>Heavy Duty Battery</td>
<td>8 hrs</td>
<td>8 hrs</td>
<td>2.6 million</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2128</td>
<td>Up to 6 m (19.6 ft)</td>
<td>32 dBm EIRP</td>
<td>IP54</td>
<td>Bluetooth® 4.2</td>
<td>Up to 32 GB*</td>
<td>Up to 62 million tags</td>
<td>Software Based</td>
<td>1.2 m*</td>
<td>ePop-Loq® Mounts</td>
<td>Docking Cradle (order: 2128-CRD-01-KIT)</td>
<td>Standard Battery</td>
<td>2.5 hrs</td>
<td>5.5 hrs</td>
<td>1 million</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2166</td>
<td>Up to 9 m (29.5 ft)</td>
<td>34 dBm EIRP</td>
<td>IP67</td>
<td>Bluetooth® 4.2</td>
<td>8 GB</td>
<td>Up to 125 million tags</td>
<td>On-device tag de-duplication</td>
<td>1.8 m*</td>
<td>ePop-Loq® Mounts</td>
<td>Docking Cradle (order: 2102-PH-Y)</td>
<td>Heavy Duty Battery</td>
<td>8 hrs</td>
<td>8 hrs</td>
<td>2.6 million</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2128P</td>
<td>Up to 9 m (29.5 ft)</td>
<td>34 dBm EIRP</td>
<td>IP54</td>
<td>Bluetooth® 4.2</td>
<td>Up to 32 GB*</td>
<td>Up to 500 million tags</td>
<td>On-device tag de-duplication</td>
<td>1.2 m*</td>
<td>ePop-Loq® Mounts</td>
<td>Docking Cradle (order: 2128-CRD-01-KIT)</td>
<td>Standard Battery</td>
<td>2.5 hrs</td>
<td>5.5 hrs</td>
<td>1 million</td>
<td></td>
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</tr>
</tbody>
</table>

### Other Features
- Single-piece UHF RFID scanning solution with ‘breakaway’ feature when dropped, reducing the chance of damage.
- ePop-Loq® cases allow developers to add unique usability features such as the ‘breakaway’ feature with ‘breakaway’ feature when dropped.
- Supports Classic, BLE & iAP2.
- Secure USB Data Connections.
- Dual Charging of both UHF Reader and Host Device.
- ePop-Loq® cases provide a Single-Piece UHF RFID Scanning Solution with ‘breakaway’ feature when dropped.
- ePop-Loq® cases allow Secure USB Data Connections.

### Additional Information
- Country Certifications: Further territories: TBA.
- Other Features: Supports Classic, BLE & iAP2.
- Secure USB Data Connections.
- Dual Charging of both UHF Reader and Host Device.
- ePop-Loq® cases provide a Single-Piece UHF RFID Scanning Solution with ‘breakaway’ feature when dropped.

### Additional Details
- Maximum RF Output Power: 32 dBm EIRP (1128), 34 dBm EIRP (1166, 2128, 2166, 2128P).
- Internal Storage: Up to 32 GB* (1128, 2128), 4 GB (1166), 8 GB (2166, 2128P).
- Bluetooth® version: Bluetooth® 2.1 (1128, 1166), Bluetooth® 4.2 (2128, 2166, 2128P).
- Operating temperature range: -20°C to 55°C.
- Tag de-duplication: Software Based (1128, 1166), On-device tag de-duplication (2128, 2166, 2128P).
- Drop Spec: 1.2 m* (1128), 1.8 m* (1166, 2128, 2166, 2128P).
- Mounting Options: Slide-on Mounts (1128), Pop-Loq® Mounts (1166, 2128, 2166, 2128P).
- Docking Options: Docking Cradle (1128, 1166, 2128, 2128P), Docking Cradle (1166-CRD-01-KIT, 2128-CRD-01-KIT).
- Battery: Standard Battery (1128, 1166), Heavy Duty Battery (2128, 2166, 2128P).
- Minimum operating time - heavy use: 1 hr 50 m (1128), 8 hrs (1166), 2 hrs (2128), 8 hrs (2166, 2128P).
- Tag Reads per single battery charge: 1 million (1128), 2.6 million (1166, 2128, 2166, 2128P).
- Charge Time: 2.5 hrs (1128, 1166), 2.5 hrs (2128), 4.5 hrs (2166, 2128P).

*Not compatible with 1128 Docking Cradle (order: 1102-PH-Y).

**Further territories: TBA.**