

Primo Secure Mobile Readers

Security and convenience in one package.
Sleek modern range, complementing any setting



Mobile Freedom:

Industry-first flexibility to choose between mobile credential vendors.

Scalable Value:

Activate mobile credential support only when required.

Broad Support:

Supports full range of low and high-frequency secure credentials.

Advanced Security:

Features OSDP, AES-128 encryption, and secure key storage.

Flexible Connectivity:

Connect via Wiegand or OSDP.

Weatherproof:

IP65+ and IK08+. Mullion, Junction Box, keypad, non-keypad, and harsh environments.

WHO SHOULD USE THE PRIMO MOBILE READER RANGE?

Ideal for organizations seeking mobile credential convenience and strong security. Supports OSDP encryption, mixed credential environments, and multi-site deployments. Choose between perpetual or subscription models and select the best mobile credential provider for cost optimization and future-proof security.

Product Benefits

Mobile Flexibility:

- Support for HID & STid Mobile Access.

Future Proofed:

- Supports HID Seos and MIFARE DESFire secure credentials and OSDP AES128 encryption.

Backwards Compatible:

- Supports 125kHz and Wiegand connectivity.

Convenience:

- Enable mobile support only when needed.

Effortless:

- Streamlined fleet management via access control software, eliminating manual setup.

Interoperability:

- Compatible with 3rd party systems.

Durable:

- Weatherproof IP65 & IK08 rating, IP66 and IK20 for harsh environment reader.

Stylish:

- Sleek, modern aesthetic that blends seamlessly into contemporary environments, with multiple colour options to complement any setting.

Versatile Models:

- Choice of mullion or junction box readers with or without a keypad, plus a uniquely designed harsh environment reader for extreme conditions.

The Primo Mobile Reader Range offers flexibility and security with five distinct models designed for diverse installation needs. Whether you need a mullion reader, junction box reader, or a rugged harsh environment option, this range delivers performance, durability, and versatile configuration. Available with or without keypads, these readers suit both simple and advanced access control requirements.

Designed with aesthetics in mind, the Primo Mobile Reader Range features a sleek, modern look that blends seamlessly into contemporary architectural environments. Available in multiple colours, it provides a visually appealing access control solution that complements any setting, from corporate offices to high-end residential estates. Its refined aesthetics and compact form factor ensure security without compromising style.

Unlike other readers, the Primo Mobile Reader Range supports both HID Mobile Access and STid Mobile ID, giving organizations the flexibility to choose the best global option for their needs without being tied to a single ecosystem. Whether you prefer a perpetual model or an annual subscription, these readers adapt to your needs, offering cost-effective solutions that grow with your business.

Getting started with mobile credentials is easy. Credentials can be bundled with the reader at purchase, eliminating the need for new cloud accounts or complex licensing agreements. Mobile support is an on-demand feature, meaning you only pay for it when you need it—reducing upfront costs while keeping your system ready for future technology enhancements. Remote setup via Impro software presets eliminates the need for

on-site manual programming. Whether installing a single reader or rolling out an enterprise-wide system, Impro's intuitive software ensures a smooth, time-saving setup. With five models to choose from, there's a Primo Mobile Reader for every installation.

These readers support a wide range of credentials, including HID Seos, HID iCLASS, HID Mobile, MIFARE DESFire, STid Mobile, HID Prox, and EM4100, ensuring compatibility with modern and legacy systems. Security is further enhanced with cryptographic keys stored in secure element hardware, providing robust protection against cloning and unauthorized access. Bi-directional OSDP support allows for secure, long-range communication up to 1000m, while legacy Wiegand compatibility ensures smooth integration with existing infrastructure.

Built for reliability, the mullion and junction box readers have IP65 and IK08 ratings, making them weatherproof for sheltered outdoor use. The harsh environment reader is engineered for extreme conditions with an IP66 rating and IK20 impact resistance, ideal for high-impact, industrial, or outdoor installations.

The mechanical keypad, available on the mullion and junction box models, provides tactile feedback even in cold environments, ensuring usability in demanding conditions. An optical tamper sensor adds an extra layer of security, alerting you if the reader is removed. The bright tri-colour LED and clear audio buzzer provide instant feedback, making access control intuitive. Optimized for Impro's Primo and Access Portal software, the Primo Mobile Reader Range is also compatible with third-party access control systems, ensuring flexibility for diverse security.

Specifications - Primo Secure Mobile Readers

Model Variant	PMR9xx, Mullion 	PMK9xx, Mullion Keypad 	PJR9xx, Junction Box 	PJK9xx, Junction Box Keypad 	PHR9xx, Harsh Environment 
Product description	Multi-discipline Secure Mobile Credential Mullion reader	Multi-discipline Secure Mobile Credential Mullion Keypad reader	Multi-discipline Secure Mobile Credential Junction Box reader	Multi-discipline Secure Mobile Credential Junction Box Keypad reader	Multi-discipline Secure Mobile Credential Harsh Environment reader
Colour Options	Black and White				
Dimensions (d-w-h)	12,3cm x 4.6cm x 2.2cm [4.8" x 1.8" x 0.9"]	12,3cm x 4.6cm x 2.2cm [4.8" x 1.8" x 0.9"]	12.3cm x 8.0cm x 2.2cm [4.8" x 3.1" x 0.9"]	12.3cm x 8.0cm x 2.2cm [4.8" x 3.1" x 0.9"]	dia 7.8cm h cm 3.2cm [dia 3.1" h 1.3"]
Weight	75g [2.6 oz]	75g [2.6 oz]	90g [3.2 oz]	90g [3.2 oz]	80g [2.8 oz]
Material	ABS plastic	ABS plastic	ABS plastic	ABS plastic	ABS plastic
Electrical Specifications					
Input voltage	8 - 14 VDC, polarity sensitive				
Power requirements at 12VDC	50 mA (nominal),80mA (peak) 0.6 W (power)				
Power input protection	Reverse polarity and over-current protection				
Connection type	Terminal block				
Connection medium	OSDP, Standard Wiegand or Impro proprietary Wiegand				
RFID Specifications					
Type	125kHz and 13.56MHz RFID (NFC) & 2.4GHz BLE				
Range (RFID)	15 to 50mm / 0,6" to 2"				
Range (BLE)	<1 to 10m / 3.28 to 32.80ft				
User Interfaces					
Buzzer	Single tone				
LED	Tri-coloured status LED				
Tamper	Optical tamper protection				
Credential compatibility	HID Seos and HID iClass (H10301, H10302, H10304 & CSN), MIFARE and DESFire EV1/EV2/EV3, 125kHz Prox, HID Prox, EM4100 Prox				
Mobile Credential Options	Mobile Capable*requires license, STid Mobile, HID Mobile, STid & HID Mobile in combination				
Keypad	None	Mechanical keypad (2 x 6 layout)	None	Mechanical keypad (3 x 4 layout)	None
Environmental specifications					
Operating temperature	-25° to +60° C [-13° to +140° F]				
Storage temperature	-40° to +80° C [-40° to +176° F]				
Operating humidity	0 to 95% relative humidity non-condensing (at +40° C /+104° F)				
Ingress Protection	IP65	IP65	IP65	IP65	IP66
Impact Protection	IK08	IK08	IK08	IK08	IK20
Certifications					
Certifications	CE (EU), UK CA, ICASA, UL On Request				