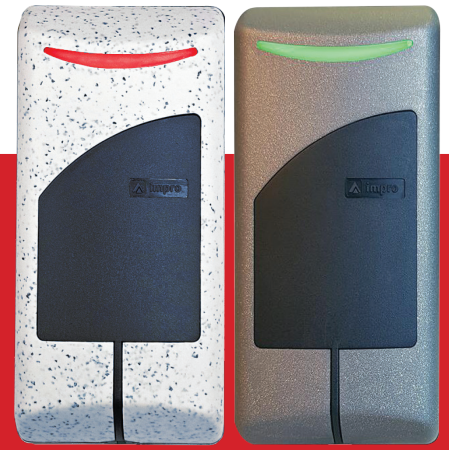![impro / ASSA ABLOY logo]

MDR-SE Mobile
Secure Multi-discipline Mobile Reader

Security and convenience in one package

Mobile Freedom:
Industry-first flexibility to choose between mobile credential vendors.

Scalable Value:
Activate mobile credential support only when required.

Broadest Credential Support:
Supports low and high-frequency secure credentials.

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

Flexible Connectivity:
Connect via Wiegand or OSDP.

WHO SHOULD USE THE MDR-SE MOBILE READER?

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 encyption.

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.

Protection:
• Optical Anti-Tamper.

Interoperability:
• Compatible with 3rd party systems.

Durable:
• IP54 & IK07 rated for indoor and protected outdoor environments.

Aesthetics:
• Sleek mullion reader available in a choice of colours.

The Impro MDR-SE Mobile puts you in control, offering unmatched flexibility in mobile credentials. Unlike other readers, it lets you choose between two leading mobile credential providers, so you're not tied to a single ecosystem. Whether you prefer a perpetual model or an annual subscription, the MDR-SE adapts to your needs, giving you the freedom to select the best option for your business.

Getting started with mobile credentials has never been easier. With the option to bundle credentials with the reader at purchase, there's no need to set up new cloud accounts or navigate complex licensing agreements. And because mobile support is an on-demand feature, you only pay for it when you need it—reducing upfront costs while preparing your system for future technology enhancements.

Configuration and management are effortless. With remote setup via Impro software presets, there's no need for manual programming on-site. Whether you're installing a single reader or deploying an enterprise-wide system, Impro's intuitive software ensures a seamless, time-saving setup.

Beyond its flexible credential options, the MDR-SE Mobile delivers powerful security and performance.

It supports HID Seos, HID iCLASS, HID Mobile, MIFARE DESFire, STid Mobile, HID Prox and EM4100, ensuring compatibility with both modern and legacy credential systems. Its bi-directional OSDP support allows for secure, long-range communication up to 1000m, while legacy Wiegand compatibility ensures a smooth transition for existing infrastructure.

Designed for reliability in real-world conditions, the MDR-SE Mobile is IP54-rated for indoor and sheltered outdoor installations, with an IK07 impact rating for durability. An optical tamper sensor adds an extra layer of security, sending alerts if the reader is removed. The bright tri-colour LED and clear audio buzzer provide instant feedback, making access control simple and intuitive for users.

While optimized for Impro's Primo and Access Portal software, the MDR-SE Mobile is also compatible with third-party access control systems, ensuring flexibility for businesses with diverse security environments.

Whether you're upgrading an existing system or planning a new installation, the MDR-SE Mobile is a future-ready solution that gives you more choice, lower costs, and smarter security.

ACCESS CONTROL

Model Variant	HRX915 Mobile Capable	HRX916 STid Mobile	HRX917 HID Mobile	HRX918 STid & HID Mobile
Product description	Multi-discipline Secure Mobile Credential Capable reader			
Colour	Metallic grey and black,			
Dimensions (d-w-h)	9.7cm x 4.5cm x 2.1cm [3.8" x 1.8" x 0.8"]			
Weight	61.5g [2.2 oz]			
Material	Metallic grey and black 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	Standard Wiegand, Impro proprietary Wiegand or OSDP			
Monitoring Events and Audit Log				
Type	RFID (NFC) & BLE			
Frequencies	125kHz, 13.56MHz, 2.4GHz			
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, EM Prox			
Mobile Credential	Mobile Ready *Requires license	STid	HID	STid & HID
Keypad	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	IP54			
Impact Protection	IK07			
Certifications				
Certifications	CE (EU), UK CA, ICASA, UL On Request			