IDCR@FT
RFID & NFC EXPERTS

HF | LF - Stationary Reader
rf IDEAS - WAVE ID® Plus Mini LEGIC SM-6300

- ISO 14443 (13.56 MHz), 125/132 kHz Proximity
- LEGIC SM-6300 on board
- HID SEOS support (SAM required)
- Keystroke & SDK operation modes
- Windows, macOS & Linux compatible

HF | LF - Stationary Reader
Secure LEGIC & MIFARE RFID Reader

The versatile WAVE ID Plus Mini LEGIC SM-6300 reader combines proximity and contactless technologies into one reader with the ability to hold four card configurations, enabling growing organizations to seamlessly integrate different ID card technologies. These credential readers are designed for customers seeking to leverage their existing cards for applications beyond building access.

Developed to read virtually any proximity or contactless card type in the world, the WAVE ID Plus Mini LEGIC SM-6300 reader is the most powerful, robust reader on the market for identifi cation, authentication, and access applications. Credential- based reader solutions eliminate the need to manually enter usernames and passwords, streamlining workfl ow and eliminating errors for identification.

The WAVE ID Plus Mini LEGIC SM-6300 reader allows companies to leverage the same cards they use to get into the building for countless applications involving logical access to network, software applications, and equipment. Connecting directly into the USB port, the reader emulates keystrokes of the USB model card data on the login screen. Its user-friendly functionality requires no software for seamless integration with common operating systems and applications. The reader integrates into your software or hardware product through the use of the rf IDEAS Software Developer's Kit (SDK).

Common Applications

- Secure Login & Single Sign-On
- Secure Print Management
- Access Control
- Healthcare Authentication
- Government ID Systems
- Events & Hospitality

rf IDEAS

TECHNICAL SPECIFICATIONS

Reader Models	RDR-3L31EKU, RDR-3L32EKU, RDR-3L31EKU-C16	RDR-30L31EKU, RDR-30L31EKU-C06, RDR-30L31EKU-C16, RDR-30L32EKU, RDR-30L31EKU-H, RDR-30L32EKU-H
Secure Access Module	LEGIC SM6300 on board	HID*, LEGIC SM6300 on board
Secure Technology Type	LEGIC and MIFARE Secure	HID*, LEGIC and MIFARE Secure
Operating Frequency	13.56 MHz	125/132 kHz, 13.56 MHz and 2.4 GHz
Electrical/Mechanical Interface	USB	
Protocol/Operating Mode	Keystroke or rf IDEAS SDK	
Dimensions (L x W x H)	Length 2.9" (74mm); Width 1.7" (42mm); Height 0.5" (13mm)	
Weight	4.0 ounces (113.39g)	
Housing Color	Black	
Cable Length	6' standard; 6" and 16" lengths available	
Indicators	Quad-state LED (off, green, amber, red) and adjustable beeper (off, low, medium, high)	
Power Supply	USB self-powered	
Power Consumption	65 mA typical, 185 mA maximum	
Operating Temperature Range	-25° to 150°F (-30° to 65°C)	
Operating Humidity Range	5% to 95% relative humidity, non-condensing	
Storage Temperature Range	-40° to 185°F (-40° to 85°C)	
Certifications	FCC-United States; CE Mark-Europe; RCM-Australia; IC-Industry Canada; UL Environmental: RoHS, REACH	
Compatible Operating Systems	Windows 10 (32 & 64 bit), 11 (64 bit), MacOS Monterey and above, Linux	
Configuration Utilities	rf IDEAS Configuration Utility, Smart Card Manager, Remote Reader Management Tool	
Contactless Smartcard Types (13.56 MHz, 125/132kHz)*		
NFCx, Mobile Credentials (13.56 MHz)*		
Accessories	BKT-MINI: Mini Desktop Mounting Bracket KT-ANGLE-MINI: WAVE ID Black Angle Mini Mounting Bracket KT-ANGLE-MINI+CLIPS: WAVE ID Black Angle Mini Mounting Bracket w/Cable Clips KT-FLAT-MINI: WAVE ID Black Angle Mini Mounting Dual Lock Kit	