rf IDEAS

Envoy Data Memory Embedded OEM Portfolio

WAVE ID® Plus OEM Pico

Reader Models	805	800	80M
Secure Access Module	N/A	HID OMNIKEY	MIFARE Secure
Secure Technology Type	N/A	HID SEOS iClass SE	MIFARE EV1, EV2, EV3, Classic, Ultralight
Operating Frequency	125/132 kHz and 13.56 MHz		
Electrical/Mechanical Interface	USB-A		
Protocol/Operating Mode	Keystroke or rf IDEAS SDK or CCID or Virtual Com		Keystroke or rf IDEAS SDK
Dimensions (L x W x H)	2.0" x 0.6" x 0.3" (50mm x 14mm x 6.3mm)		
Reader & Antenna weight without cable or SAM	0.2 oz (4.5 grams)		
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	-22° 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		
MTBF	7 years		
Certifications (Please contact rf IDEAS for information about other global certifications)	FCC-United States; CE Mark-Europe; RCM-Australia; IC-Industry Canada; UL Environmental: RoHS, REACH		
Compatible Operating Systems	Windows XP®, 7®, 8®, 10®, 11® and Linux (Ubuntu, Red Hat), macOS and Android		
Configuration Utilities (available on rf IDEAS support page)	rf IDEAS Configuration Utility, Smart Card Manager, Remote Reader Management Tool		
Proximity Card Types (125/132 kHz)			
Contactless Smartcard Types (13.56MHz)	Supported Card Type Listing	Mobile Credential Access Compatibility Chart	
NFCx, Wallet Credentials (13.56MHz)			
Accessories	Cables, KT-4FF-SIM-SE-V2 or KT-4FF-SIM-AV2	Cables	Cables