

idChamp® NF4 Specifications

SKU: NF4

ELECTRICAL	
Data Interface	RS-232/USB, BLE 4.0
Power Source	USB/ Battery
Battery Option	Yes
Battery Type	Internal Rechargeable Lithium-Polymer battery 3.7 VDC
Charging Method	Micro USB
Charge Cycles	~500
Charging Time	~ 4 hours
Operating Time	~ 9 hours when constantly scanning
PHYSICAL	
Dimensions	100.90 x 51.40 x 22.25 mm (3.972 x 2.02 x 0.876 in)
Weight	113 grams (4 oz)
ENVIRONMENT	
Operating Temperature	32° - 104° F (0° - 40° C)
Humidity	10 - 90% Relative Humidity
Approvals	Compliant to ROHS/REACH, WEEE, IEC 60950-1, CE, FCC Modular, IC (Canada)
CREDENTIAL COMPATIBILITY	
Frequency	125 kHz/134.2 kHz (LF) / 13.56 MHz (HF) / 2402 MHz - 2480 MHz (BT)

<p>Supported Card Types (Standard)</p>	<p><u>ISO14443A:</u> LEGIC Advant¹⁾, MIFARE Classic 1k & 4k EV¹²⁾, MIFARE Classic, MIFARE Mini, MIFARE DESFire EV1, MIFARE DESFire EV2²⁾, MIFARE Plus S, X, MIFARE Pro X³⁾, MIFARE Smart MX³⁾, MIFARE Ultralight, MIFARE Ultralight C, MIFARE Ultralight EV1, NTAG2xx, PayPass³⁾, SLE44R35, SLE66Rxx (my-d move)³⁾, Topaz</p> <p><u>ISO14443B:</u> Calypso³⁾, Calypso Innovatron protocol³⁾, CEPAS³⁾, HID iCLASS¹⁾, Moneo³⁾, Pico Pass⁴⁾, SRI4K, SRIX4K, SRI512, SRT512 ISO18092</p> <p><u>ECMA-340:</u> NFC Forum Tag 1-5, NFC Peer-to-Peer, Sony FeliCa⁵⁾, NFC Active and passive communication mode</p> <p><u>ISO15693:</u> EM4x33³⁾, EM4x35³⁾, HID iCLASS¹⁾, HID iCLASS SE/SR¹⁾, ICODE SLI, LEGIC Advant¹⁾, M24LR16/64, MB89R118/119, SRF55Vxx (my-d vicinity)³⁾, Tag-it, PicoPass⁴⁾</p> <p>125 kHz, 134.2 kHz: AWID, Cardax, CASI-RUSCO, Deister⁶⁾, EM4100, 4102, 4200⁷⁾, EM4050, 4150, 4450, 4550, EM4305⁸⁾, FDX-B, EM4105, HITAG 1⁹⁾, HITAG 2⁹⁾, HITAG S⁹⁾, ICT⁸⁾, IDTECK, Isonas⁸⁾, Keri, Miro, Nedap⁶⁾, PAC, Pyramid, Q5, T5557, T5567, T5577, TIRIS/HDX, TITAN (EM4050), UNIQUE, ZODIAC</p> <p>Contact us if you don't see your card type here.</p>
<p>Supported Card Types (iClass/Elite/Indala etc.)</p>	<p>All Standard Card Types, HID iCLASS¹⁰⁾, HID iCLASS SE/SR/ SEOS(CSN and Facility Code/PAC)¹⁰⁾, HID iCLASS Elite & SE Elite</p> <p>All Standard Card Types, Cotag, G-Prox⁶⁾, HID DuoProx II, HID ISO Prox II, HID Micro Prox, HID ProxKey III, HID Prox, HID Prox II, Indala, ioProx, Nexwatch</p> <p>Mobile Credentials</p>