

SPIDER SECURITY PRODUCTS

PHYSICAL SECURITY REDEFINED.™



COMPARISON CHART OF: TOP ACCESS CONTROL HACKING THREATS



PROXMARK3



BLE-KEY



ESP-KEY



ESP RFID

| | PROXMARK3 | BLE-KEY | ESP-KEY | ESP RFID |
|---|--|--|---|--|
| #1 Year made available to the public? | 2008 | 2015 | 2017 | 2018 |
| #2 Website URL reference | www.proxmark.org | www.blekeyrfid.com | https://redteamtools.com/espkey | www.rfid-tool.com |
| #3 Created to hack access cards directly? | Yes | No | No | No |
| #4 Operates as a Man-in-the-Middle hacking module? | No | Yes | Yes | Yes |
| #5 Can perform Brute Force PIN Code identification tactics? | No | No | No | Yes |
| #6 Can skim credential data information from LF 125KHz and HF 13.56MHz Access Credential Cards? | Yes | Yes | Yes | Yes |
| #7 Can skim all Wiegand Signals? | No | Yes | Yes | Yes |
| #8 Can mimic all types of Wiegand data formats? (PIV Cards are unverified) | No | No | Yes | Yes |
| #9 Can mimic Indala reader data? | No | No | Yes | Yes |
| #10 Self-powered by own battery? | Yes | Yes | No | No |
| #11 Card Data outputted in plain text? | Yes | No. (Data outputted in Hexadecimal Format) | Yes | No. (Data outputted in Binary Format) |
| #12 Offers Bluetooth connectivity? | No | Yes | No | No |
| #13 Offers WiFi connectivity? | No | No | Yes | Yes |
| #14 Open source code? | Yes | Yes | Yes | Yes |
| #15 Can write data onto blank LF 125KHz cards for card duplication? | Yes | No | No | No |
| #16 Can write onto blank HF cards for card duplication? | Yes (But not all HF Card Formats) | No | No | No |
| #17 Non-volatile memory to store data long term? | Yes | No | Yes | Yes |
| #18 Maximum credentials logged? | SD Card Capacity | 1,500 | 80,000 | Unpublished |
| #19 Can read PIN-keypad pushbutton key strokes? | No | Yes | Yes | Yes |
| #20 Has 'Denial of Service' feature? | No | Yes | Yes | Yes |
| #21 Can be installed discreetly behind access reader, out of plain sight? | No | Yes | Yes | Yes |
| #22 Approximate price per unit? | \$300.00 | \$50.00 | \$99.99 | \$19.90 |

Security Research Data provided by www.dynamic-certified.org

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