

SPIDER SECURITY PRODUCTS

PHYSICAL SECURITY REDEFINED.™



COMPARISON CHART OF: TOP ACCESS CONTROL HACKING THREATS



PROXMARK 3



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.hackerwarehouse.com/proxmark/blekey	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	SD Card Capacity	1,500	80,000	Unpublished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	\$35.00	\$99.99	\$19.90

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

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