

HID and Gen 3.0 Nymi Band NFC Reader Performance Summary

The Gen 3.0 Nymi Band has been tested for SEOS Enabled NFC tap read range with the complete set of HID Readers. Please note data is based on readers not mounted directly to metal surface as this will affect performance, and a read distance of <10mm requires a direct tap on the reader. Performance may vary from the specifications shown below.

HID Reader Model	Avg Read Distance [mm]	Avg Read Distance [in]	Gen 3.0 Nymi Band Compared to Card or Badge	Nymi Compared to SEOS Keyfob
R10	14	0.5	Worse	Worse
RP10 - BLE	26	1.0	Slightly Worse	Better
R10 SE Express	33	1.3	Same	Same
R15	13	0.5	Worse	Slightly Worse
RP15 - BLE	15	0.6	Worse	Better
R40	15	0.6	Worse	Better
RK40*	38	1.5	Better	Better
RK40 + BLE	21	0.8	Worse	Better
Décor Reder R95A	25	1.0	Unknown	Better
Signo 20*	46	1.8	Same	Better
Signo 20K	28	1.1	Worse	Slightly Better
Signo 40*	65	2.6	Better	Better
Signo 40K	26	1.0	Worse	Better