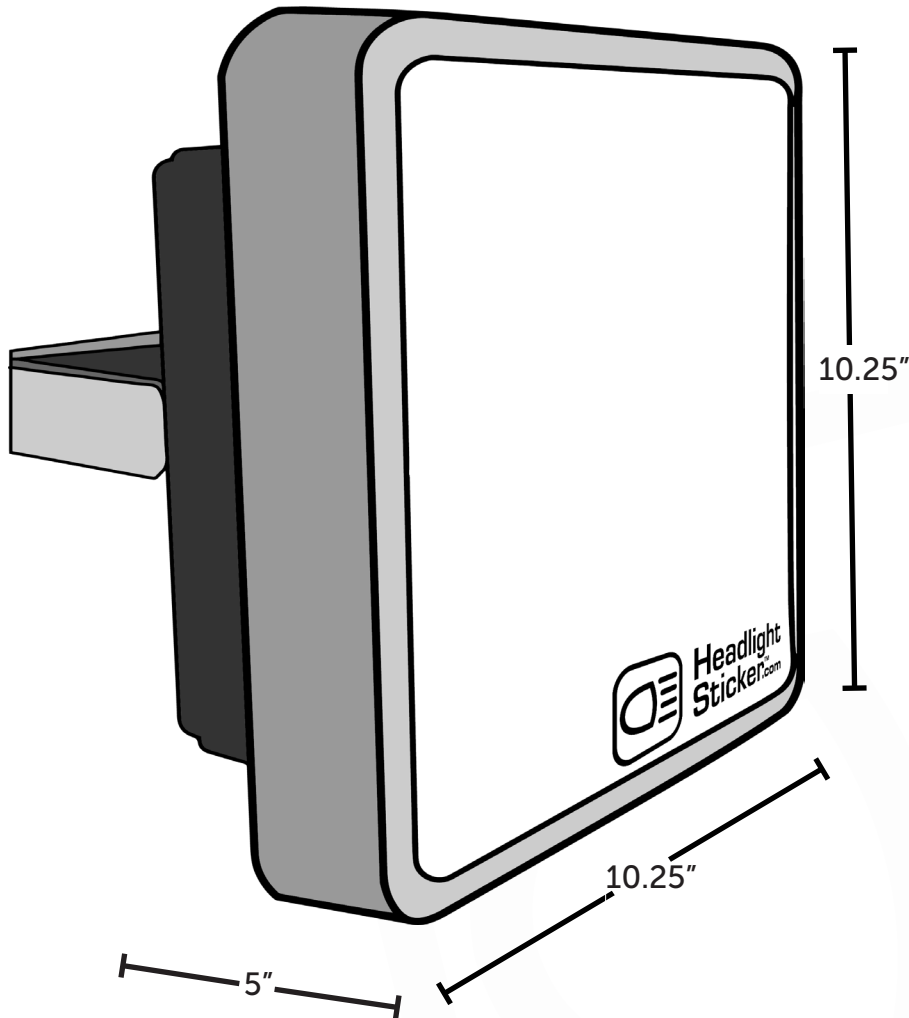




9601 Irvine Center Dr.
Irvine, CA 92618
888-929-7343
headlightsticker.com

Long Range RFID Reader





Headlight Sticker™

9601 Irvine Center Dr.
Irvine, CA 92618
888-929-7343
headlightsticker.com

Physical & Electrical	Dimensions 9DB	10.15" x 10.15" x 3.82"	258mm x 258mm x 97mm
	Weight (w/o mounting brackets)	4 lb.	1.8 kg
	Dimensions 12DB	17.7" x 17.7" x 3.54"	450mm x 450mm x 90mm
	Weight (w/o mounting brackets)	4.4 lb.	2 kg
	Antenna Front Body	Radome, ABS w/ UV Protection	Aluminum Back Plate
	Reader Rear Body	Aluminum	Bottom Cable Gland
	Voltage & Draw	9vdc to 28vdc	2.0 Amps nominal

Read Range	9DB all-in-one- Up to 25 meters, Tag dependent	12DB all-in-one- Up to 30 meters, Tag dependent
------------	--	---

Certifications	RoHS, CE, FCC US: FCC-OET Bulletin 65 Supplement 'C'
	EPC Gen-2 ISO 18000-6 Standard

Antenna RF	Horizontal Polarized
	9dBi Horizontal Beam Width 68° Vertical Beam Width 65° 2.5 dBi

Reader RF	902-928 MHz North America 865.6-867.6 MHz Europe & Others
	FHSS (Frequency Hopping Spread Spectrum)
	Up to 4W (30 DBM) TPO (Total Power Output)
	Reader DBM can be lowered through software command to adjust range

Extras	Relay (pins internal) 60VADC @ 350mA (NO) and Loop Detector (Input)
	Adjustable Internal Beeper

Environmental	Temperature, Storage:	-67° to +185°F	-55° to +85°C
	Temperature, Operating:	-40° to +131°F	-40° to +55°C
	Ingress Protection:	IP65	

Comms	Standard on all models:	USB and Weignd Native	(default 115.2k, 8, 1, N)



headlightsticker.com/support