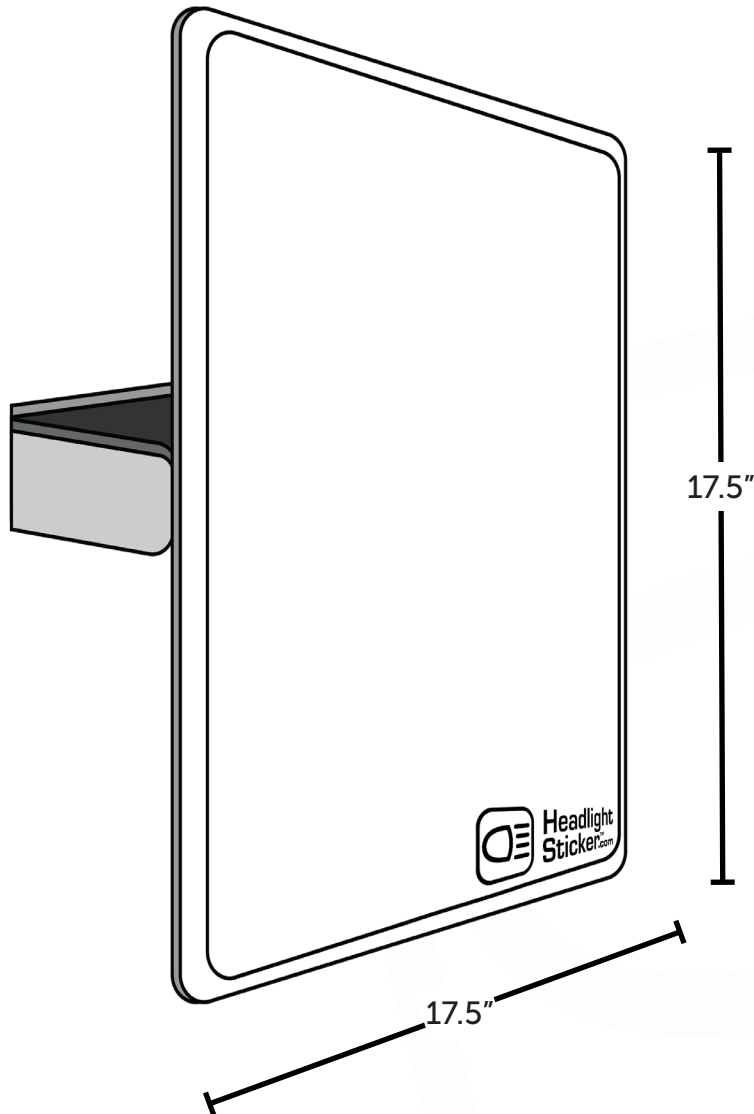




9601 Irvine Center Dr.
Irvine, CA 92618
888-929-7343
headlightsticker.com

Extended Long Range RFID Reader





Headlight Sticker™

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| | | | |
|-----------------------|--------------------------------|------------------------------|----------------------|
| 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