



R2E-ARTEK

MICROWAVE SENSOR FOR REQUEST-TO-EXIT APPLICATIONS

DESCRIPTION

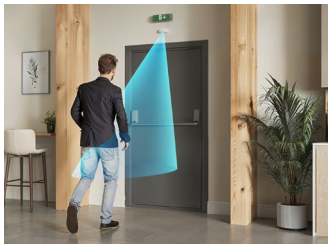
BEA's **R2E-ARTEK** is a microwave sensor for request-to-exit applications. Its slim and compact design ensures discreet integration for your application.

The microwave radar technology offers superior field performance with improved filters that help to reduce false detections (e.g. cross-traffic rejection).

Remote control programming allows for more convenient setup, and the pre-configured settings offer quick programming for common applications based on traffic patterns and detection zone sizes.

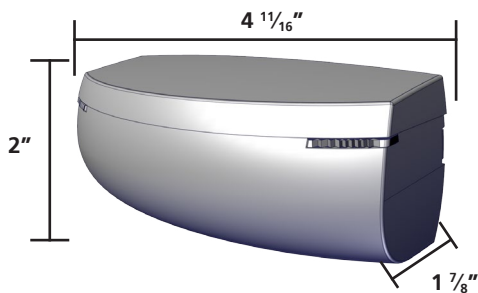
A variety of installation accessories are available, making the **R2E-ARTEK** a convenient solution for any mounting location.

APPLICATIONS



Request-to-exit

DIMENSIONS



TECHNICAL SPECIFICATIONS

TECHNOLOGY / PERFORMANCE

Technology	microwave
Detection mode	motion
Transmitter frequency	24.15 GHz
Transmitter radiated power	< 20 dBm EIRP
Transmitter power density	< 5 mW/cm ²
Max. detection range (at 7' mounting height)	wide: 13' x 6.5' narrow : 6.5' x 7'
Min. detection speed	2 in/s

ELECTRICAL

Supply voltage*	12 – 24 VAC ±10% (50 – 60 Hz) 12 – 24 VDC +30% / -10%
Max. power consumption	< 1 W
Output*	solid-state relay (free of polarity)
Max. switching voltage	30 VAC / 42 VDC
Max. switching current	100mA (resistive)

PHYSICAL

Mounting height	6 – 15'
Tilt angles	0 – 90° vertical -30 – 30° lateral
Temperature range	-4 – 131 °F (-20 – 55 °C)
Dimensions	4.72" (L) x 1.96" (H) x 1.96" (W)
Material	ABS
Weight	120 g
Cable length	8'

COMPLIANCE

Degree of protection	IP54
FCC certification	FCC: G9B-100606 IC: 4680A-100606

* External electrical sources must be within specified voltages, max 100 W, and ensure double insulation from primary voltages

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