AMAG TECHNOLOGY™

DATASHEET

Symmetry™ Sentry RFID Reader Line

Key Features

Next generation access control RFID reader

Available in four new, sleek form factor options

Fully compatible with Symmetry Blue readers and the mobile app

EAL6+ secure element and tamper detection

Seamless, auto-detect upgrades from Wiegand to OSDP

Compatible with all supported versions of Symmetry Software

Compatible with iOS and Android mobile devices

Exceptional durability and longevity

Seven customizable LED colors via Symmetry v10.2 or greater: Red, Green, Amber, Blue, Magenta, Cyan & White

Product Overview

Symmetry™ Sentry readers are built to make secure access control deployments faster, easier, and more flexible without compromising performance. Every unit includes both a terminal block and a pre-wired cable harness to streamline wiring and reduce installation time, helping integrators get doors online quickly and cleanly.

Symmetry Sentry offers flexible installation options with Mullion and Wall (Single Gang) form factors available, plus the choice of models with or without a keypad. They're suitable for indoor or outdoor applications and automatically detect existing Wiegand or OSDP infrastructure, making upgrades and retrofit projects simpler.

Symmetry Sentry supports iOS and Android devices and works seamlessly with all supported versions of Symmetry software, including the Symmetry Blue and Symmetry Mobile apps. Advanced encryption options, including AES128, AES256, and ECC capabilities, help protect data transmissions against unauthorized access and tampering.

To maximize value, Symmetry Sentry readers are also available in cost-saving 8-reader and 16-reader bundles, ideal for multi-door projects and standardizing deployments across a site or portfolio.

Symmetry™ Sentry
RFID Reader Line

Physical

Dimensions			
	SENTRY-M-XXX-X	133.4mm H x 46mm W x 18.5mm D	5.3" H × 1.8" W × 0.7" D
	SENTRY-MK-XXX-X	133.4mm H x 46mm W x 23.5mm D	5.3" H × 1.8" W × 0.9" D
	SENTRY-W-XXX-X	133.4mm H x 83.6mm W x 18.5mm D	5.3" H × 3.3" W × 0.7" D
	SENTRY-WK-XXX-X	133.4mm H x 83.6mm W x 23.5mm D	5.3" H × 3.3" W × 0.9" D

Color	Black
Current	50mA at 12 VDC
Voltage	5-24 VDC
Temperature	-40 to 70°C (-40 to 158°F)
	15 – 95% humidity (non condensing)
Warranty	3 years (Keypad models)
	Lifetime (Non Keypad models)
Read Range	2" (50.8 mm)

Regulatory

Regulatory	EN IEC 62368-1:2020
	EN 50130-4 (2011)+A1, EN 300 330 V2.1.1, EN 300 328 (v2.2.2), EN 301-489-17 V3.3.1,EN 301-489-1 V2.2.3, EN 301 489-3 V2.3.2 CE, FCC Part 15 Subpart C, RoHS, UL294
	IP65

Communications

LED Indicators	Red, Green, Amber, Blue, Magenta, Cyan & White	
Security	EAL6+ Secure Element	
	Accelerometer based tamper detection	
Communication Distance	OSDP	Up to 4000ft/1220m
	Wiegand	Up to 500ft/150m
Termination	Terminal Block or Cable Harness	

Symmetry™ Sentry
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Credential Support

SENTRY-XX-LHB-A	125kHz Prox, 13.56MHz Smart Card & Bluetooth BLE 5.3
SENTRY-XX-HB-A	13.56MHz Smart Card, Bluetooth BLE 5.3
SENTRY-XX-LHW-A	125kHz Prox, 13.56MHz Smart Card & NFC (leaf and wallet)

Ordering Information

SENTRY-M-LHB-A	Symmetry Sentry Mullion Reader - Wiegand & OSDP - LF, HF, Bluetooth
SENTRY-M-HB-A	Symmetry Sentry Mullion Reader - Wiegand & OSDP - HF, Bluetooth
SENTRY-M-LHW-A	Symmetry Sentry Mullion Reader - Wiegand & OSDP - LF, HF, NFC
SENTRY-MK-LHB-A	Symmetry Sentry Mullion Reader with Keypad - Wiegand & OSDP - LF, HF, Bluetooth
SENTRY-MK-HB-A	Symmetry Sentry Mullion Reader with Keypad - Wiegand & OSDP - HF, Bluetooth
SENTRY-MK-LHW-A	Symmetry Sentry Mullion Reader with Keypad - Wiegand & OSDP - LF, HF, NFC
SENTRY-W-LHB-A	Symmetry Sentry Wall Reader - Wiegand & OSDP - LF, HF, Bluetooth
SENTRY-W-HB-A	Symmetry Sentry Wall Reader - Wiegand & OSDP - HF, Bluetooth
SENTRY-W-LHW-A	Symmetry Sentry Wall Reader - Wiegand & OSDP - LF, HF, NFC
SENTRY-WK-LHB-A	Symmetry Sentry Wall Reader with Keypad - Wiegand & OSDP - LF, HF, Bluetooth
SENTRY-WK-HB-A	Symmetry Sentry Wall Reader with Keypad - Wiegand & OSDP - HF, Bluetooth
SENTRY-WK-LHW-A	Symmetry Sentry Wall Reader with Keypad - Wiegand & OSDP - LF, HF, NFC

3.3" (83.6 mm)   1.8" (46 mm)   3.3" (83.6 mm)   1.8" (46 mm)

5.3" (133.4 mm)