

OMNIASSURE™ TOUCH

Mobile Ready Multi-Technology Readers



OmniAssure Touch™ from Honeywell is a powerful range of access control readers that support high-frequency 13.56 MHz smart credentials, multiple low-frequency prox credential technologies as well as mobile credentials via 2.4 GHz BLE.

OmniAssure Touch is available in mullion and wall switch sizes both with and without keypad for installations requiring two-factor authentication. Providing a powerful platform for not only migrating legacy prox, OmniAssure Touch also supports a wide variety of panel communication protocols including Wiegand, Clock-and-Data, TTL, RS-485 and OSDP Secure Channel Protocol (SCP).

With integrations to Honeywell's integrated security suites including WINMAG, WIN-PAK and Pro-Watch, OmniAssure Touch provides a comprehensive solution that helps deliver next generation technology in an easy to deploy and manage platform. The integrations mean no third-party web portals to navigate when deploying mobile credentials, simply provision credentials directly from the software's badging section similar to a physical credential.

OmniAssure Touch readers are field configurable via mobile app for changing individual reader settings such as panel communication mode, credential support, and customizing LED and buzzer settings meaning no more configuration cards as well as no more complicated part numbering and ordering process. Pick a form factor, keypad option, housing color and which credential technologies that need to be supported and that's it. Simple. Adaptable. Secure.

FEATURES AND BENEFITS



ULTRA SECURE

- End-to-end encryption using the latest cryptography standards of DESFire EV2 and OSDP Secure Channel Protocol (SCP)
- PKI and certificate based mobile credentials ensure mobile, BLE-based credentials are protected and secure
- Multi-factor authentication with capacitive touch keypad to suit multiple applications available on all form factors
- Protects against tampering by intelligently wiping encryption and certificate data when reader tamper is detected



EASY INSTALLATION

- Field configurable via mobile app for customizing reader settings such as panel communication mode, credential support, LED and buzzer settings
- Available in mullion and wall-mount square forms with or without keypads
- IP65 Outdoor rated
- Two piece installation with mounting base and reader



COMPREHENSIVE SOLUTION

- Save time deploying mobile credentials directly through Honeywell's WINMAG, WIN-PAK and Pro-Watch integrated security suites
- Real-time revocation of mobile credentials via over-the-air (OTA) updates with Honeywell's Vector Occupant App
- Utilize Honeywell's Vector Occupant App for indoor wayfinding, one-click temperature feedback and real-time space ratings*



EXCEPTIONAL ADAPTABILITY

- User friendly mobile credentials eliminate the hassle of presenting a phone to the reader to gain access
- Upgrade friendly allows for easily migrating legacy prox to smart and mobile technologies
- Maximum flexibility with ISO14443-compliant credentials and readers that are interoperable with third-party devices and compatible with Wiegand and RS-485 cabling

*Requires additional licensing

POWER SUPPLY (ALL MODELS):
7.0 V TO 18 V DC (12 V RECOMMENDED)

ITEM NO	DESCRIPTION	MAX READ RANGE	WATTS		mA					
			avg	peak	at 7 V DC		at 12 V DC		at 18 V DC	
					avg	peak	avg	peak	avg	peak
OT3300BHONG	OmniAssure Touch MultiTech Mullion 0k	2.5" / 63 mm	3	3.85	0.43	0.55	0.25	0.32	0.17	0.21
OT3312BHONG	OmniAssure Touch MultiTech Mullion 12k	2.5" / 63 mm	3	3.85	0.43	0.55	0.25	0.32	0.17	0.21
OT4800BHONG*	OmniAssure Touch MultiTech Square 0k	2.5" / 63 mm	3	3.85	0.43	0.55	0.25	0.32	0.17	0.21
OT4816BHONG*	OmniAssure Touch MultiTech Square 16k	2.5" / 63 mm	3	3.85	0.43	0.55	0.25	0.32	0.17	0.21
OT3200BHONG	OmniAssure Touch SmartTech Mullion 0k	3.0" / 76 mm	3	3.85	0.43	0.55	0.25	0.32	0.17	0.21
OT3212BHONG	OmniAssure Touch SmartTech Mullion 12k	3.0" / 76 mm	3	3.85	0.43	0.55	0.25	0.32	0.17	0.21
OT4700BHONG*	OmniAssure Touch SmartTech Square 0k	3.0" / 76 mm	3*	3.85*	0.43*	0.55*	0.25*	0.32*	0.17*	0.21*
OT4716BHONG*	OmniAssure Touch SmartTech Square 16k	3.0" / 76 mm	3	3.85	0.43	0.55	0.25	0.32	0.17	0.21

*Not available in US, CAN, or LATAM

ENVIRONMENT	
Usage	Indoor and outdoor
Humidity	0 – 95% non condensing
Temperature	-35 to +65 °C / -31 to 149 °F
MECHANICAL	
Dimensions	Mullion (W x H x D): 5 x 16 x 2 cm (2" x 6.3" x 0.8") Square (W x H x D): 8 x 8 x 2 cm (3.1" x 3.1" x 0.8")
TECHNOLOGIES	
ISO14443-3A	MIFARE Classic, MIFARE Ultralight
ISO14443-4A	MIFARE DESFire EV1 and EV2 (and version 0.6), SmartMX
ISO14443-4B	Infineon, Atmel, STMicroelectronics
BLE	Active on all models
PROX	HID Prox, AWID Prox, NexKey/Quadrakey, EM4102 Prox
PROTOCOL INTERFACES AND MODELS	
Wiegand, Clock & Data, TTL serial	PIN 0 – 5 VDC or open drain
RS-485 OSDP	0 – 5 Volt levels

USER FEEDBACK	
LED functionality programmable light ring	Multicolor programmable light ring
Sounder	Multi-tone
SECURITY FEATURES	
Tamper detection	Detect and signal open housing
Key store	Per reader uniquely encrypted key storage
INSTALLATION	
Connections	Eight wire cable, 2m long
Mounting	Two piece housing, front with electronics and wall mounting plate
PIN MODEL SPECIFIC	
Actuators	Capacitive touch
Actions	1.000.000 times minimum
Indicators	Back lighted symbols, sound and LED bar action
COMPLIANCE	
Listings and certifications	CE, FCC, IC, UL 294*, ULC-S319*
WARRANTY	
Limited Lifetime	

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* Tested in accordance with UL 294 and ULC-S319 standards by ETL.

For More Information

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