

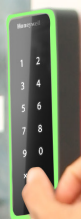
# SMARTER ACCESS CONTROL WITHIN REACH

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OmniAssure™ Touch

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Concealed Weapons and Use  
of Camera Phones Prohibited  
Absolutely No Solicitations  
Visitors Please Ring Door Bell



Honeywell



# INTRODUCING OMNIASSURE™ TOUCH

Technology is changing the way buildings operate – and it's changing business risks and opportunities along with it.

## OMNIASSURE™ TOUCH FROM HONEYWELL

Our multi-technology readers provide peace of mind by leveraging the latest in encryption standards with PKI based mobile credentials and DESFire EV2 based smart cards that utilize 128-bit AES encryption with key diversification providing cutting edge protection against replay attacks and credential cloning. This powerful line of readers supports a wide variety of panel communication protocols including Wiegand, Clock-and-Data, TTL, RS-485 and OSDP Secure Channel Protocol (SCP). Rest assured that your building is ultra-secure.

### Security doesn't mean sacrificing

**convenience.** However, no special gestures are required when using OmniAssure's mobile credentials. Keep your phone in your pocket, backpack or purse and just touch the face of the reader with your finger to access a door. With a myriad of different legacy prox technologies supported, migrate existing cardholders over time. OmniAssure Touch allows you to tailor reader settings to fit your needs with the Honeywell Reader Utility App; customize LED and buzzer settings, change which types of credentials can be read and more.

**OmniAssure Touch allows you to build on even more possibilities** by integrating to Honeywell's integrated security suites including WINMAG, WIN-PAK, and Pro-Watch. No third-party web portals are necessary when deploying mobile credentials, simply provision credentials directly from the software's badging section similar to a physical credential.



### HASSLE FREE

User friendly mobile credentials eliminate presenting your phone to the reader.



### TAMPER RESISTANT

Intelligently wipes encryption and certificate data when reader tamper is detected.



### MAXIMUM FLEXIBILITY

Global standards based credential and panel communications (ISO14443, OSDP), customize reader settings via mobile app.



### UPGRADE FRIENDLY

Easily migrate legacy prox to smart and mobile technologies



### MULTI-FACTOR AUTHENTICATION

Capacitive touch keypad available on all models for a variety of applications.

## SPECIFICATIONS

PART NUMBER AND DESCRIPTION	ODPEV28N38 DESFIRE EV2 8K CARD	ODKEV28N38 DESFIRE EV2 8K FOB	ODHEV28SP** DUAL-TECHNCARD	MOBCRD MOBILE CREDENTIAL
Operating Frequency	13.56 MHz		13.56 MHz and 125 KHz	2.4 GHz
Maximum Read Range*	2cm / 0.8"	1.5cm / 0.6"	1.5cm / 0.6"	75cm / 30"
Dimensions (W X H X D)	8.6 x 5.4 x 0.1 cm (3.4 x 2.1 x 0.03 in)	3.5 x 4.8 x 0.6 cm (1.4 x 1.9 x 0.2 in)	8.6 x 5.4 x 0.1 cm (3.4 x 2.1 x 0.03 in)	NA
Finish	Printable Gloss White	Black w/ Honeywell Logo	Printable Gloss White	NA
Construction	PVC; Vertical or Horizontal Slot Punch Compatible	ABS	PVC; Vertical or Horizontal Slot Punch Compatible	NA
Operating Temperature	-40 to 60 °C / -40 to 140 °F			
Warranty	Limited Lifetime Warranty <sup>1</sup>			

ENVIRONMENT	
Usage	Indoor and outdoor
Humidity	0 – 95% Non condensing
Temperature	-35 to +65 °F / -31 to 149 °F
Protection Class	All models IP65 rated
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")
Materials	UL94 v0 certified
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	PIN
Wiegand, Clock and Data, TTL Serial	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	

MIFARE® Classic, MIFARE Ultralight®, MIFARE® DESFire® and SmartMX are trademarks of NXP Semiconductors. AWID is a registered trademark of Applied Wireless Identifications Group Inc. HID Prox is a registered trademark of HID Global. All other referenced brands, product names, service names and trademarks are the property of their respective owners.

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

\*\*Product Not Available at Initial Launch, Coming Soon

## MOBILE CREDENTIAL ORDERING/REDEMPTION



Complete the OmniAssure Touch Specifier and submit with credential order



Receive confirmation e-mail verifying that credentials have been delivered to Vector portal



Provision mobile credentials to end users in the Vector portal; e-mail containing invitation gets sent to end user



End user downloads Vector Occupant App



End user follows the invitation link to receive mobile credential

## MOBILE CREDENTIAL ONBOARDING / FIRST ORDER



Complete the OmniAssure Touch Specifier including installer e-mail addresses and submit with credential order



Receive confirmation email with Vector portal access and installer credentials



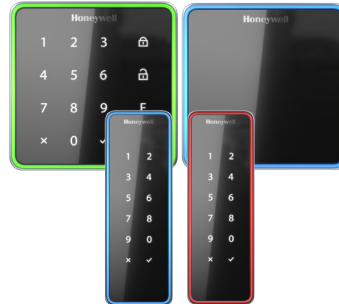
Follow e-mail directions to download the Reader Utility app and redeem installer credentials



Enroll readers for mobile credential use with the Reader Utility app

## HONEYWELL READER UTILITY APP

OmniAssure™ Touch readers are field configurable via mobile app for changing individual reader settings. Use the Honeywell Reader Utility App to change panel communication mode and credential support. No more configuration cards or complicated part numbering and ordering process.



## HONEYWELL VECTOR APP\*

- Indoor way finding directs users to points of interest and even to other people
- Digital photo ID shows a clear, current image of a user on their own phone
- User ratings for comfort and spaces are tagged with time, location, and other detail.
- Users get useful organizational information and updates directly on their phones

\*Additional licensing required



## SMARTER ACCESS CONTROL WITHIN REACH

- To learn more visit <https://hwl.co/OAT>
- Contact your Honeywell Representative today

### For More Information

[www.security.honeywell.com/me](http://www.security.honeywell.com/me)

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FUTURE  
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