



# WatchNET ACCESS

**MOBILE-READY  
PROXIMITY READER  
AND KEYPAD**

**MOBILE-READY  
PROXIMITY Reader & Keypad**



WAR-BLU-HITKEYM  
Mounts to mullion



WAR-BLU-HITKEY  
Mounts to single-gang  
wall switch box



Doors



Parking



Turnstiles

WatchNET Access's WAR-BLU-HITKEYM & WAR-BLU-HITKEY are a mobile smartphone access control ID solution. Based upon the proven contactless digital radio frequency identification (RFID) platform, the readers interface with a wide range of electronic access control systems by complying with either the legacy Wiegand equipment or the latest bi-directional Open Supervised Device Protocol (OSDP). In addition to traditional proximity credentials, such as clamshell cards and key tags, the platform also offers the option of mobile access credentials loaded on Bluetooth Low Energy (BLE) enabled smartphones. This allows the smartphone to function as a contactless electronic access control credential.

Mobile Smart phone  
Access Control Solution



**Frequency:** 125 KHz and 2.4 GHz

**Read Range:**

Physical Credentials: Up to 4 inches (102mm)

Mobile Credentials: Up to 15ft (4.6m)



**Bluetooth Low Energy**

Supports Smart phone  
Mobile Access Credentials



**Wiegand**

Output Interface



**Single Reader for Mullion or Wall-Switch Mount**

Metal Door, Window Frames & Flat Surfaces

\* OSDP readers are independent models and need to be appended with the suffix "-OSDP" when ordering

Specifications	Mobile-Ready Proximity Reader and Keypad
Models	<u>WAR-BLU-HITKEYM</u> : Mullion-Mount Mobile-Ready Proximity Reader and Keypad <u>WAR-BLU-HITKEY</u> : Single-Gang Wall Switch Box Mount Mobile-Ready Proximity Reader and Keypad
Technology	Proximity and Bluetooth Low Energy (BLE)
Frequency	125 kHz (proximity) and 2.4 GHz (BLE)
Mounting	<u>WAR-BLU-HITKEYM</u> : Mullions, including metal door and window frames, as well as flat surfaces <u>WAR-BLU-HITKEY</u> : Single-gang wall box, as well as flat surfaces
Dimensions	<u>WAR-BLU-HITKEYM</u> : 1.78" W × 6.1" H × 0.91" D (45 mm × 155 mm × 23 mm) <u>WAR-BLU-HITKEY</u> : 3" W × 4.6" H × 0.75" D (76 mm × 117 mm × 19 mm)
OEM Label Area	0.9" W × 0.35" H (22.86mm × 8.89mm) with corner radius of 0.06" (1.5mm)
Certifications	FCC, ICC, CE
IP Code	IP67
Voltage	+8 to 14 VDC
Current Draw	60 mA typical, 90 mA peak @ 12 VDC
Read Range	Physical Credentials: Up to 4 inches (102mm) Mobile Credentials: Up to 15 feet (4.6m)
Cabling	24 AWG minimum, multiconductor stranded with an overall foil shield
Interface	Wiegand (26-bit and custom formats)
Operating Temperature	-31°F to +150°F (-35°C to +66°C)
Operating Humidity	0% to 90% relative humidity
Audio Tone	Beeper included standard
Indoor & Outdoor Installation	Electronics sealed in weather and tamper-resistant epoxy potting
LED	Four-state standard (red, green, amber, and off)
Keypad Output	Either Wiegand or OSDP
Technologies Supported	WatchNET certain HID® 125-kHz Proximity protocols + certain AWID® 125-kHz Proximity protocols Mobile Access Credentials

NOTES:

- 1 Optimized for use with devices supporting BLE version 4.2
- 2 Self evaluated
- 3 Linear power supplies are recommended for best operation
- 4 8-Bit Burst or 26-bit Wiegand standard
- 5 WatchNET Mobile Access Credentials are intended to be supported by the current and preceding versions of Apple® iOS and standard compliant Google Android™ mobile operating software (OS). Custom OS variants may result in a loss of functionality

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Security Since 2000

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