

MBeacon

Location Enhancer for the ConneXt Pro System

The Honeywell ConneXt Pro System is an Enterprise-level, comprehensive portable wireless gas monitoring solution that brings a new dimension of safety and productivity to the plant. The ConneXt Pro system leverages wireless connectivity from portable gas monitors to relay, display, and inform key stakeholders of gas and physiological alarms being experienced by field operators.

The Honeywell MBeacon is an integral component of the Honeywell ConneXt Pro system, used for determining the location of a wireless gas monitor. The MBeacon is battery powered and does not require a network connection, making deployment, installation, and maintenance easy and very low cost.



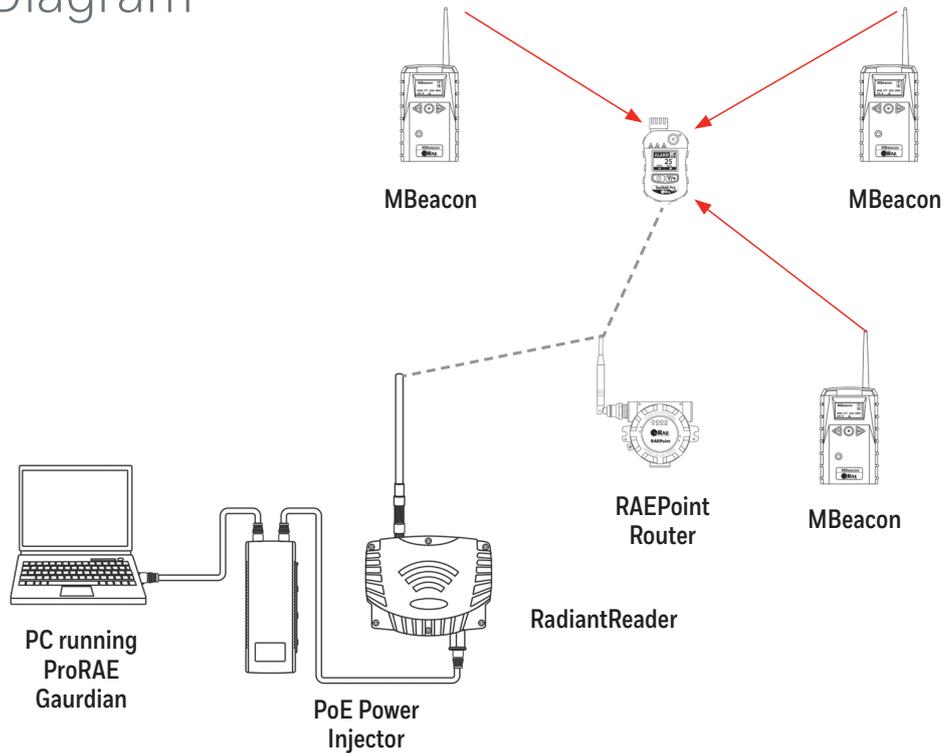
Technical Specifications

SPECIFICATIONS	
SIZE	26.5cm x 9.5cm x 5.5cm (10.5" L x 3.7" W x 2.1" H)
WEIGHT	0.6kg (1.3lbs)
LED INDICATOR	Normally disabled. Flashes once every 10s when battery is low. Modem reports to ProRAE Guardian until auto shut-down
POWER SOURCES	Battery Powered - Size D primary Lithium-cell battery
BATTERY RUNTIME	12 months at room temperature
OPERATING TEMPERATURE	-40° C to +50° C
STORAGE TEMPERATURE	-40° C to +85° C
HUMIDITY (NON-CONDENSING)	10% to 90% relative humidity
PAN ID	1-999, configurable
ENVIRONMENTAL RATINGS	IP65
RADIO TYPE RM900	
RF OUTPUT POWER	Up to 14dBm (25mW) EIRP
RF RECEIVE SENSITIVITY	-110dBm
FREQUENCY BAND	802.15.4
CHANNELS	Configurable, 0 to 10
WIRELESS CERTS	FCC Part15, CE R&TTE, Contact RAE Systems for country specific wireless approval
HAZLOC CERTS	US and Canada: Class I, Division 1, Groups A, B, C and D, T4 Europe: ATEX IM1/II 1G Ex ia I/IIC T4 IECEX Ex ia I/IIC T4
MOUNTING	Optional stainless-steel bracket mount or magnetic mount
WIRELESS OPERATING RANGE	Up to 100m to wireless portable devices, line of sight

FEATURES & BENEFITS

- Battery-powered beacon device has a 1-year battery run time
- Does not require network cabling
- Factory configured for "plug-and-play"
- Cl I/Div 1 hazardous location approvals
- FCC and R&TTE wireless communication approvals
- Flexible – Quantity is dependent on location resolution needs
- Easy Installation – Mounting accessories available
- Easy Maintenance – 1-year battery run time with remote low-battery notification*

MBeacon Diagram



For more information

www.honeywellanalytics.com
www.raesystems.com

Europe, Middle East, Africa

Life Safety Distribution GmbH
Javastrasse 2
8604 Hegnau
Switzerland
Tel: +41 (0)44 943 4300
Fax: +41 (0)44 943 4398
gasdetection@honeywell.com
Customer Service:
Tel: 00800 333 222 44 (Freephone number)
Tel: +41 44 943 4380 (Alternative number)
Fax: 00800 333 222 55
Middle East Tel: +971 4 450 5800 (Fixed Gas Detection)
Middle East Tel: +971 4 450 5852 (Portable Gas Detection)

Americas

Honeywell Analytics Distribution Inc.
405 Barclay Blvd.
Lincolnshire, IL 60069
USA
Tel: +1 847 955 8200
Toll free: +1 800 538 0363
Fax: +1 847 955 8210
detectgas@honeywell.com

RAE Systems by Honeywell
Phone: 408.952.8200
Toll Free: 1.888.723.4800
Fax: 408.952.8480

Asia Pacific

Honeywell Analytics Asia Pacific
7F SangAm IT Tower
434, Worldcupbuk-ro, Mapo-gu,
Seoul 03922,
Korea
Tel: +82 (0) 2 6909 0300
Fax: +82 (0) 2 2025 0328
India Tel: +91 124 4752700
analytics.ap@honeywell.com

Technical Services

EMEA: HAexpert@honeywell.com
US: ha.us.service@honeywell.com
AP: ha.ap.service@honeywell.com

www.honeywell.com

13516_H_MBeacon_DS01159_V2_03/16
© 2016 Honeywell International Inc.

Honeywell