

HE-WIFIUSB

OCS Goes Wireless

Adding WiFi capabilities to your powerful OCS



APPLICATIONS

Agriculture

- Greenhouse watering
- Asset Monitoring

Building Automation

- Improve occupant comfort
- Economical operation systems

Material Handling

- Minimize wiring
- Track/log/catalog data

Renewable Energy

- Data logging, remote access

Water/Wastewater

- Monitoring reservoirs
- Remote water wells
- Wireless capabilities

YOUR OCS GOES WIRELESS

HE-WIFIUSB adapter brings WiFi connectivity to your OCS for non-critical wireless ethernet applications. Supporting the standard industrial protocols, the HE-WIFIUSB adds flexibility to your networking requirements

EASY TO INSTALL

Designed to sit in a standard 30 mm push button hole, the HE-WIFIUSB expedites your assembly application deployment.

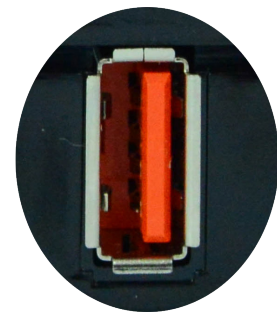
**See install guide for detailed instructions

PERFORMANCE

The HE-WIFIUSB will support up to 8 clients in access point mode supporting the data rates according to the 802.11b/g with a maximum range of 100m (328 ft)

COMPATIBLE PRODUCTS

This product is supported in all Horner OCS products that have a USB host connection. This includes the X5, XL4, EXL6, EXLW, XL7, EXL10, eXLt and RCC2414



SPECIFICATIONS AND TECHNICAL INFORMATION



PHYSICAL CHARACTERISTICS

- 1 Label
- 2 Gasket
- 3 Locknut
- 4 3/4 NPT Thread
- 5 USB Connector

POWER SPECIFICATION

Power Consumption	<500mA
Logic Scan Rate	80mA @ 24V; 180mA @ 10V
Max Power Output	15 dBm (including antenna)

WIFI SPECIFICATIONS

Channel Bandwidth	20 MHz
WiFi Channels	2.4 GHz, Channels 1-1 + 12-13 depending on location settings
Range	Up to 100m (328')
Maximum Sensitivity	-97 dBm
Standards	IEEE 802.11b/g/n
Data Rates	802.11b 1, 2, 5.5 and 11 Mbps 802.11g 6, 9, 12, 18, 24, 36, 48 and 54Mbps 802.11n MCS0-MCS7 (max 72.2Mbps)
Encryption	SPA2
Antenna	Built-in with LTE filter

OCS SPECIFICATIONS

Access Point Max Clients	8
OCS Interface	USB 2.0 (Requires OCS with USB 2.0 HOST Support)

PHYSICAL SPECIFICATIONS

Material	Polyamide over-molding
Mounting Type	Panel / Stand Alone (Requires Fitting)
Panel Seal	IP65 / NEMA 4X
Rear Seal	IP65 / NEMA 4X
Operating Temperature	-20° to 70°C
Approval	US (FCC), Canada (IC) Europe (CE) 2014/53? EU Radio Equipment Directive (RED)
Relative Humidity	10% to 95% non condensing
Standards	IEEE 802.11b/g/n

COMPATABLE PRODUCTS



*please refer to MAN1043-01-EN for size and format details
†please refer to MAN1042-01-EN for wiring/installation details