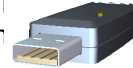


Toucan : USB Transceiver Station



Made to be simple yet powerful, each transceiver is a plug and play USB 2.0 implementation of a sub-GHz mesh network. Standard models have an internal antenna for local (within 10 m) writes, long range models have a screw-in antenna for extended range (up to 75 m) operation. All Toucan transceivers are capable of dynamically becoming controllers, hubs or repeaters, forming a self healing network across your enterprise that can enable advanced inventory locating and distributed writes. All models come with Windows compatible (WIN2000, ME, XP, V device drivers and self installing printer drivers to enable basic information and display.



Dimensions:

- L x W x H = 50 mm x 20 mm x 10mm (2" x 3/4" x 3/8")

Mounting:

- 2S-tape, screw hole/mounting clip options



Communications:

- 2.4 GHz read/write
- Can write to multiple nodes or light LEDs
- Triangulation option to locate inventory

Environmental:

- 0 – 50°C operating temperature
- Dust resistant, wet wipe-down (IP64)
- Withstands 4' drop to concrete

Power specifications:

- 4.5V supplied via USB
- Optional 3V battery or direct wire

Cabling:

- Designed for standard USB cable
- 5m max segment length from source port

Other:

- bicolor (blue/red) domed LED
- weight = 40g

Software:

- Printer driver for Windows included with each unit
 - Writes directly to the closest display automatically
- Optional SyncPad® Software upgrade
 - Allows targeted, multiple or staged writes
 - Allows signaling of specific units for “pick to light” applications
 - Plots approximate location of each unit (direction and distance)

Certifications:

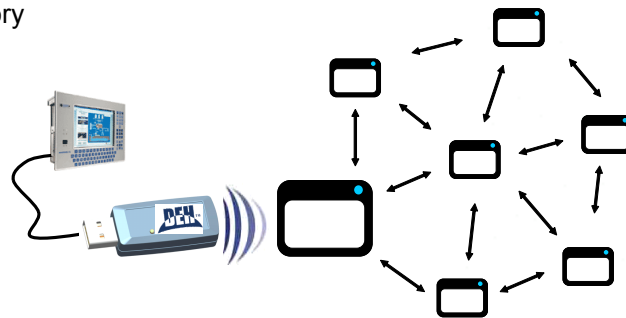
- EN55022 Class A, EN50082-2, UL60950, UL1604, UL Class 1, Div 2, CSA, RoHS, equivalent to IP65 Nema #250 Type 4x/12

Related Products:

- SyncPad® Software – Windows software to locate and command displays
- DEH displays (Canary and Parrot)

Ordering Information:

Part #	Description	Contents
DEH-TCN-USB	Short range USB transceiver. Up to 10m. Internal antenna.	Transceiver, 6' USB cable, Driver Software CD
DEH-TCN-USB-ER	Long range USB transceiver. Up to 75m. External antenna.	Transceiver, 6' USB cable, Driver Software CD
DEH-TCN-DWR-ER	Long range hub/repeater with direct-wire power option. Mesh Net.	Transceiver software. Driver software CD.



TRANSCIEVERS