

INTELLIGENT INDUSTRIAL BLUETOOTH TRANSMITTER

PATENT:NO.321658 NO.963034-UE

• We make automation control wireless •

ELIMINATE CONSTRUCTION AND CABLING COSTS USING WIRELESS COMMUNICATIONS BETWEEN DEVICES FOR UP TO 150 METERS IN FREE SPACE. RS485 AND USB COMMUNICATION PORTS, UNIT CAN OPERATE WITHIN 9-30V. FIELDBUS COMPATIBLE (MODBUS, PROFIBUS ...)



APPLICATION

AGRICULTURE MANAGEMENT



INDUSTRY CONTROL



FACTORY AUTOMATION



FACILITY MANAGEMENT



GREEN HOUSE MONITORING



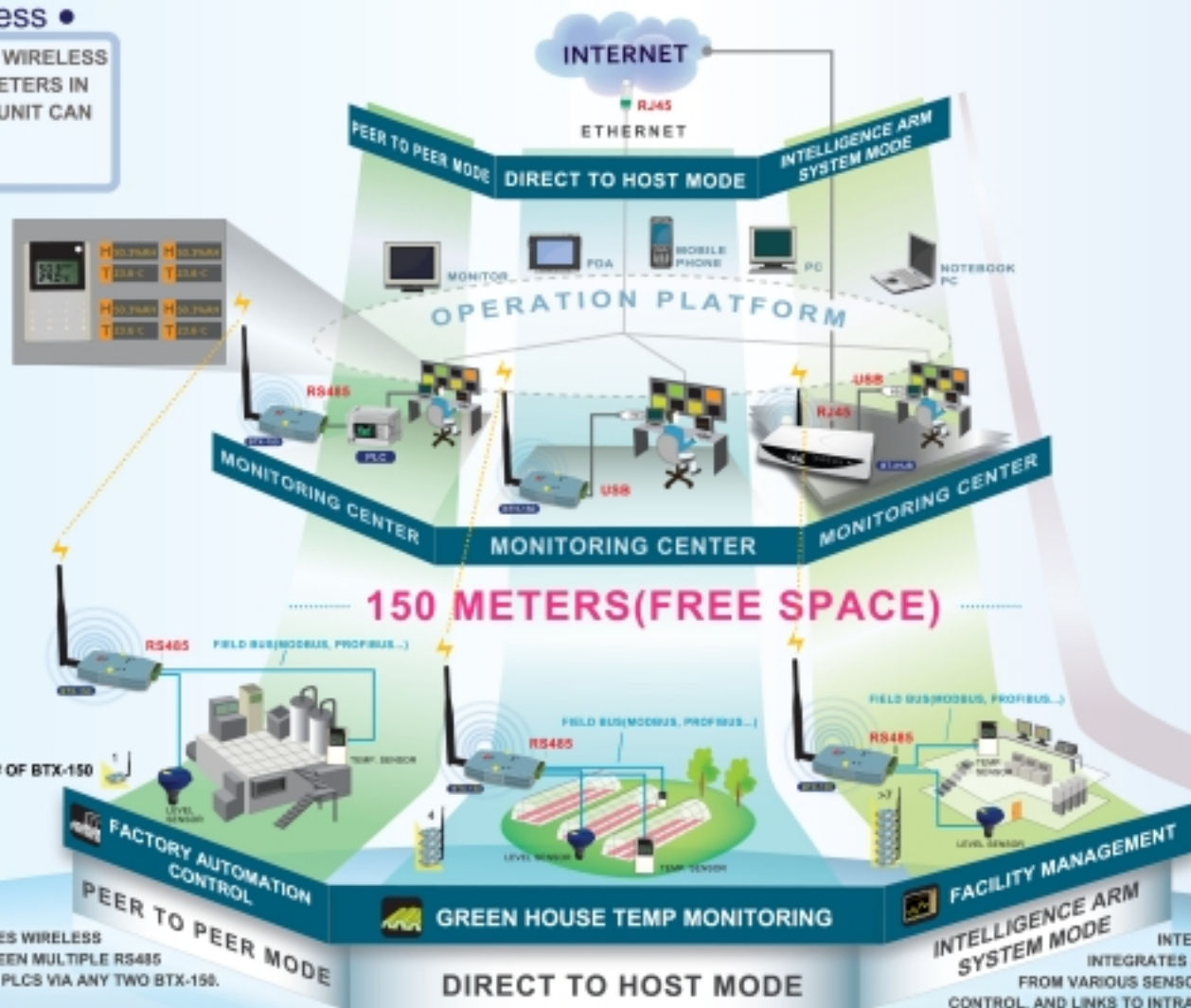
ENVIRONMENT MONITORING



DANGEROUS CONDITION & CHEMISTRY MONITORING



HOSPITAL AND MEDICAL MONITORING



FEATURE

- ⊙ TRANSMISSION DISTANCE : 150M (FREE SPACE)
- ⊙ MODBUS COMPATIBLE
- ⊙ SUPPORT PEER TO PEER MODE & DIRECT TO HOST MODE
- ⊙ FAST & EASY SET-UP
- ⊙ HIGH ANTI-INTERFERENCE ENVIRONMENT
- ⊙ WATCHDOG MONITORS AND AUTOMATICALLY RECONNECTS ONCE THE DEVICE IS AVAILABLE
- ⊙ WIDE INPUT SUPPLY RANGE 9 ~ 30 VDC

SPECIFICATION

- ⊙ BLUETOOTH VERSION 2.0 COMPLIANT
- ⊙ TRANSMISSION DISTANCE : 150 M (FREE SPACE)
- ⊙ FREQUENCY : 2.40~2.48 GHZ ISM BAND FHSS
- ⊙ RF OUTPUT : CLASS 1
- ⊙ BAUD RATE : 4.8 K ~ 115.2 KBPS
- ⊙ SENSITIVITY : -80 dBm @ 0.1% BER
- ⊙ INTERFACE : RS 485, USB.
- ⊙ WORKING VOLTAGE : 9 ~ 30 VDC
- ⊙ POWER CONSUMPTION : 1.2 W
- ⊙ ENVIRONMENTAL CONDITIONS : [TEMP] -20°C ~ 60°C [HUMIDITY] 10% ~ 90%RH
- ⊙ DIMENSION : L 93* W 62* H 25 (mm)

OTHER TECHNOLOGY EX: ZIGBEE, RFID...

PEER TO PEER MODE ENABLES WIRELESS COMMUNICATION BETWEEN MULTIPLE RS485 DEVICES OR PLCs VIA ANY TWO BTX-150.

DIRECT TO HOST MODE

DIRECT TO HOST MODE ENABLES WIRELESS COMMUNICATION BETWEEN A PC AND MULTIPLE RS485 DEVICES VIA UP TO 4 BTX-150. THE PC USES A BTH-150 VIA USB.

INTELLIGENT INTEGRATION PLATFORM INTEGRATES AND ANALYZES DATA COLLECTED FROM VARIOUS SENSORS, ALLOWS FOR REVERSE CONTROL, AND LINKS TO INTRANET/ INTERNET.



NHR

NIETZSCHE ENTERPRISE CO., LTD.
www.nhr.com.tw