

# Humidity & Temperature

## HT21



- 2 Rows LCD Display
- 1 Humidity Channel
- 1 Temperature Channel
- 1 Dew Point Channel
- Communication Modbus Protocol ASCII and RTU
- Protection IP65

**Humidity & Temperature HT21** is record temperature and humidity via RS-485 communication port using Protocol Modbus ASCII and Protocol Modbus RTU with 2 rows LCD display



Note: HT21 can be communicate to Lab View, Fix, Genesis, etc.

### Specifications

#### Serial Interface

**Serial Standards:** RS485 (Isolated) 2 Pin Terminal Block

**Loading:** RS485 Max 32 Unit

**Distance:** RS485 Length 1 Km.

**Protocol:** Wisco ASCII, MODBUS ASCII/RTU

**Support Software:** Citect, Wonderware, LAB View etc.

#### Serial Parameter

**Baud Rate:** 4800, 9600, 19200, 57600

**Data Bit:** 8

**Stop Bit:** 1

**Parity:** None

#### Input

**Number of Channel:** 2 Channels

**Input Type:** Humidity, Temperature

**Input Range:**

Humidity 0 to 100 %RH.

Accuracy:  $\pm 2\%$  at 10 to 90 %RH.

Temperature (-)20 to 55 °C

Accuracy:  $\pm 1$  °C

**Dew Point:** 1 Channel

#### Power Requirements

**Power Supply:** 12 to 24 VDC

#### Power Consumption

**Standby:** 180 mA @ 12 VDC

#### Environmental Limits

**Operating Temperature:** 0 to 55 °C

**Operating Humidity:** 5 to 95% RH

**Storage Temperature:** 0 to 70 °C

#### Physical Characteristics

**Dimension:** W65 x H135 x D55 mm.

**Probe Length:** Dia 11 x Length 20 mm.

**Protection:** IP65

#### Warranty

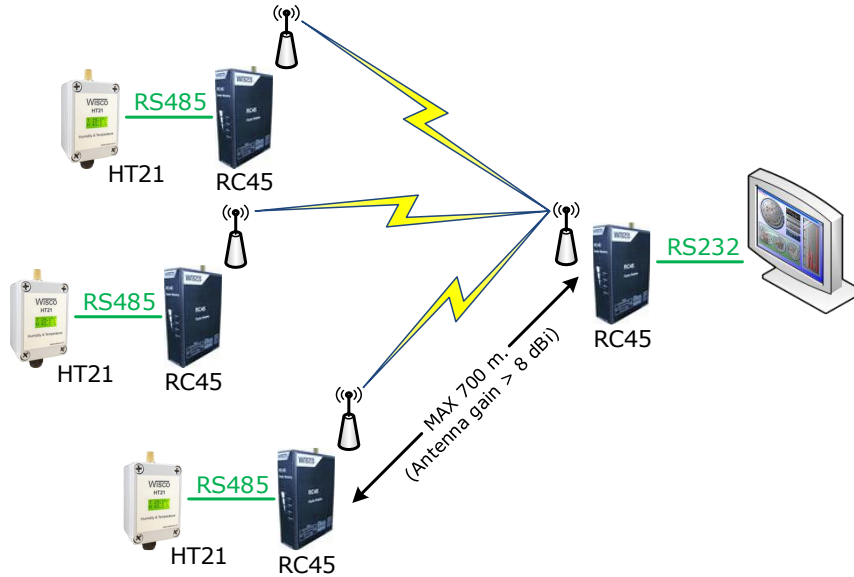
**Warranty Period:** 1 Year

**Ordering Information:**

Example HT21

**Package Checklist**

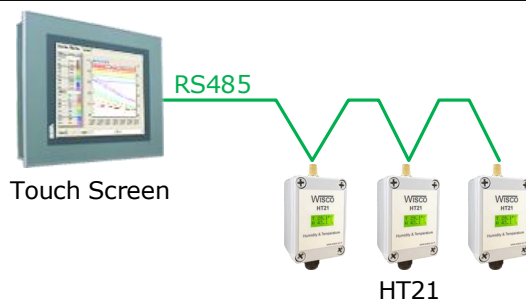
1. HT21



Connection via Wireless (Point to Multipoint)



Connection via PLC



Connection via Touch Screen