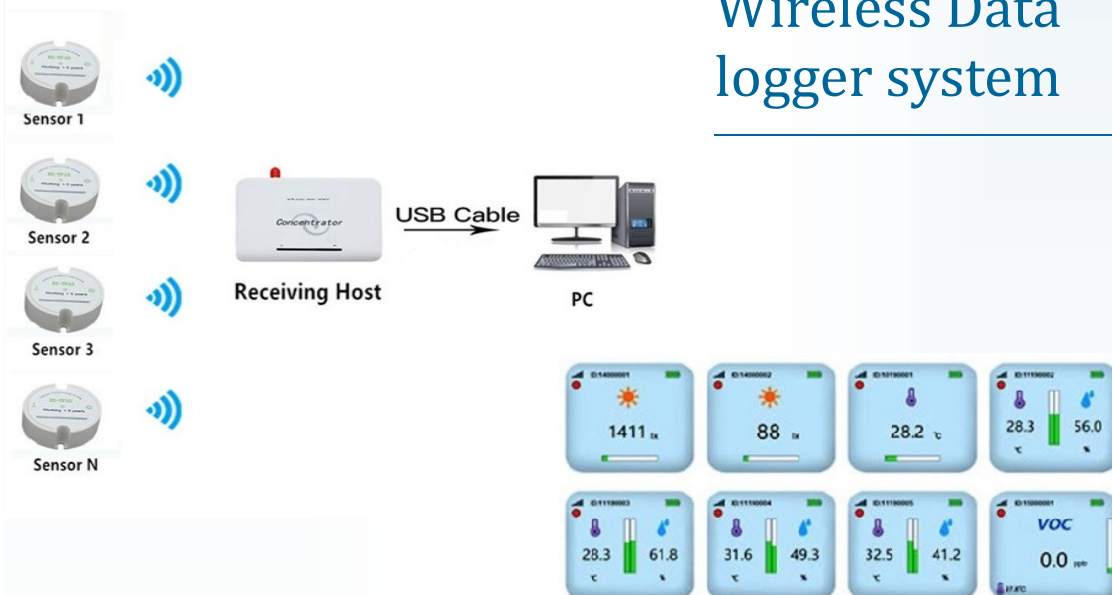


Wireless Data logger system



SPECIFICATIONS

Applications

It can be used in environmental monitoring, medical and health care, energy and chemical industry, storage and transportation, refrigeration and cold chain, constant temperature and humidity production workshop, office space and other field

Operation

The wireless sensor periodically detects the temperature of on-site environment, and actively report the detection data. It has the functions of active energy consumption control, battery voltage detection, wireless frequency hopping, detection transmission cycle can be set. The Wan concentrator of wireless sensor. After receiving sensor information each time, it will send data to server.

Features

- Track Temperature (-40°C to 80°C)
- WAN connector connects router for network
- Wireless transmission distance is more than 500m(1600ft) in open field (No obstacles)
- Easy 3 minutes setup
- Receive alarm sound and email alert
- Alert multiple users
- Set high-low threshold value for alert
- Monitors /alerts battery levels
- Monitors /alerts if wireless signal lost
- Unlimited history of readings for 6 months
- Monitor every 5 mins default, customized in factory
- One concentrator (gateway) can work with more than 100pcs sensors
- LED light on when taking readings
- Receive the data both of the sensor terminal and the repeater, and output from the serial ports.

Technical Parameters:

Sensor Parameters		WAN Concentrator Parameters	
Working Frequency	433MHZ	Network basic	RF Basic
Temperature accuracy	<0.5°C (0°C ~ 60°C)	Wired Network	RJ45, 433MHZ
Acquisition cycle	5 min at Normal mode	TCP/IP interface socket	Sensitivity -116dbm
Operating temperature	-40°C +80°C	Working Voltage	DC 5V @ 1A
		Interface	115200bps, 8N1

Commerce Biomédical Inc.

14310 Rue des Saules
Mirabel, QC J7N 1X7, Canada

Phone: +1 514 441 1043
E-mail: info@commercebiomedical.ca
web: www.commercebiomedical.ca



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