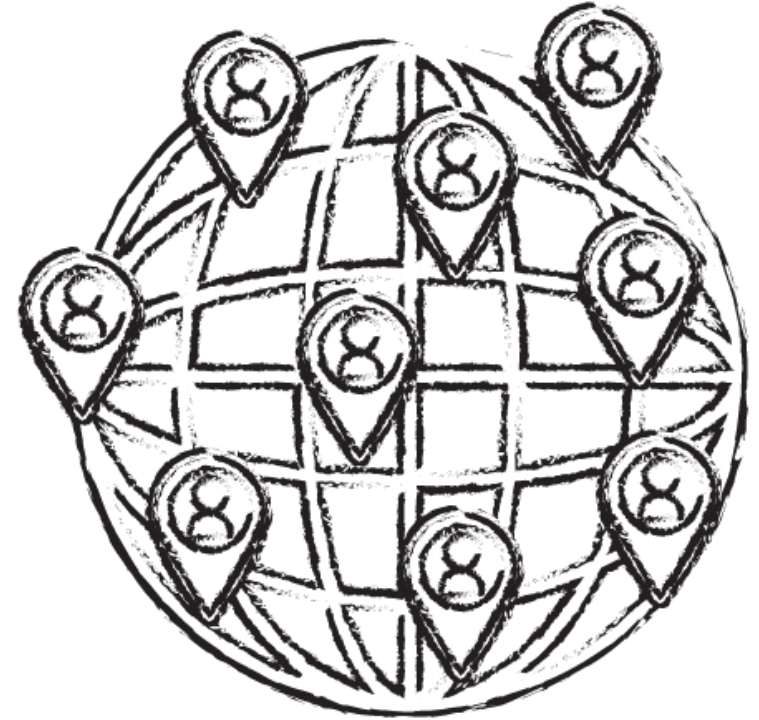SIMPLE SOLUTIONS FOR COMPLEX IoT

Who Are We

UNITEX CONTROLS A COMPANY EXPERIENCED IN DESIGN- ENGINEERING PCB BOARDS, AND MANUFACTURING BUILDING, HOME AUTOMATION AND IOT PRODUCTS SINCE 2019.

UNITEX CONTROLS EXPERIENCED TEAM OF PROFESSIONALS BRINGS THE BEST PRODUCTS THAT MEETS CUSTOMER NEEDS. UNITEX CONTROLS PRODUCTS ARE DESIGNED TO MAKE FACILITIES ENERGY EFFICIENT, MORE RELIABLE, SMARTER, HEALTHIER AND SUSTAINABLE.

UnitexControls is "Your Simple Solution for Complex IoT"

Vision, mission and Core Values

VISION

To be the Middle East leading design, engineering, and manufacturing firm of Building Automation devices and IoT Sensors

MISION

Help customers realize their goals in Energy Efficiency, Environmental Sustainability, and quality of life by delivering high quality IoT Automation Devices & Sensors.
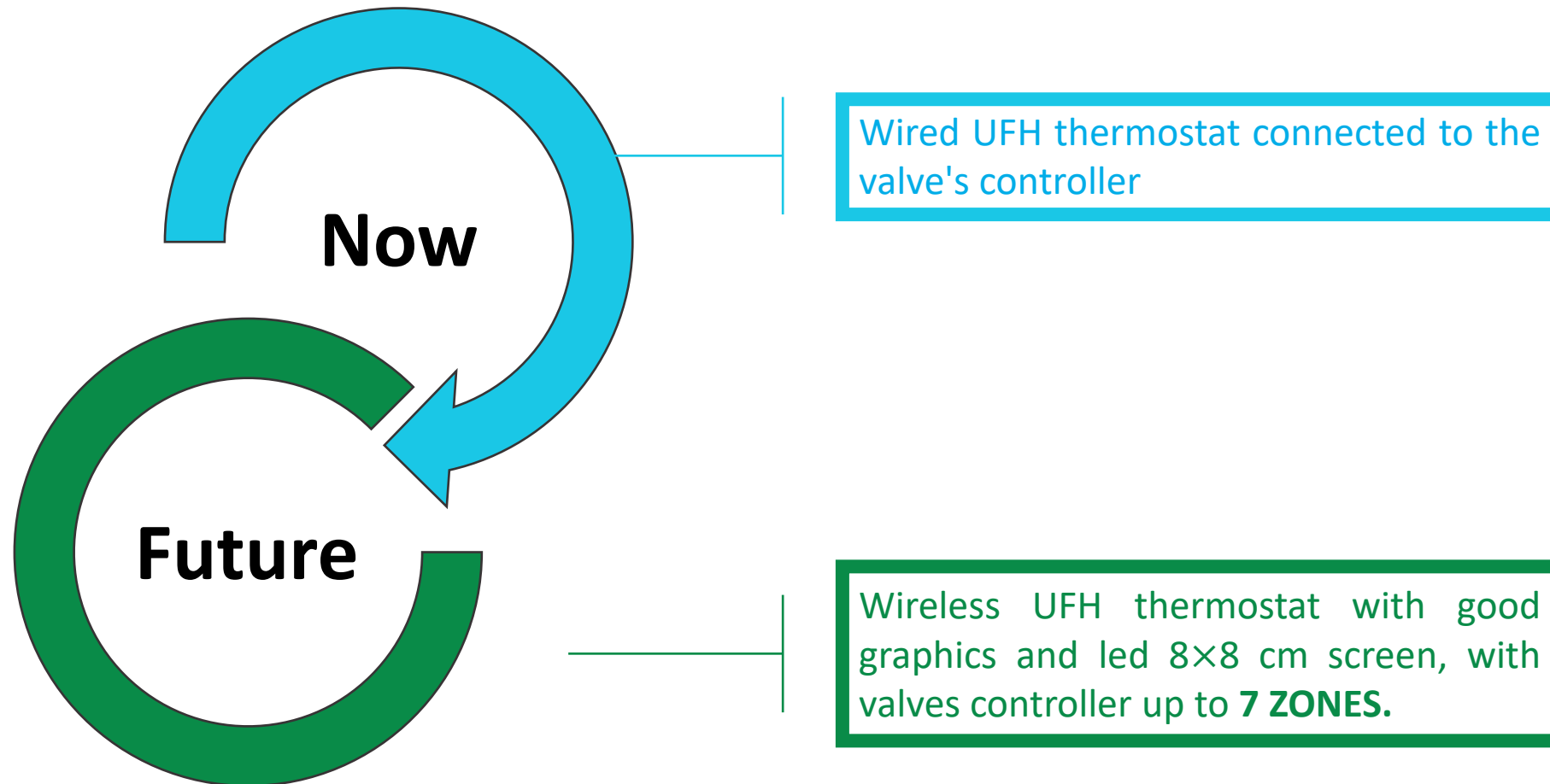
CORE VALUES

Innovation, sustainability and teamwork is what derive us to gain customer satisfaction.

UnitexControls and UFH

UNITEX presents an advanced LED touch screen thermostat designed for seamless wireless communication with the TRIAC Output Controller (Modulex-28). Utilizing the fastest speed Point to Point ESP-NOW Protocol, our system ensures the fastest and most reliable wireless communication available.

Now & Future

Now

Wired UFH thermostat connected to the valve's controller

Future

Wireless UFH thermostat with good graphics and led 8×8 cm screen, with valves controller up to **7 ZONES.**

Components

UFH Controller with 8 Outputs (MODULEX-28)

Up to 7 Intelligent Thermostats

- **5 Modes Thermostat with 5 different colors indicators.**

- **Monitors Temperature and Relative Humidity.**

- **High Quality Graphics Display.**

- **Real-time functionality compatible with Cloud.**

- **Control Through Mobile App (Optional).**

- **Clock Background.**

- **Two independent programmable time schedules for each zone**

- **Brightness Control.**

- **One master thermostat provides control over all connected thermostats**
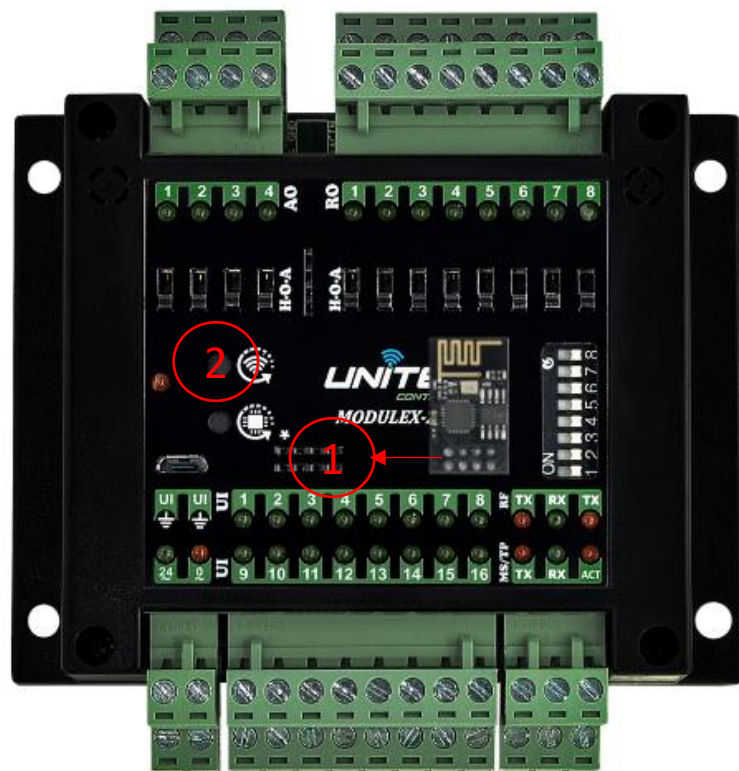
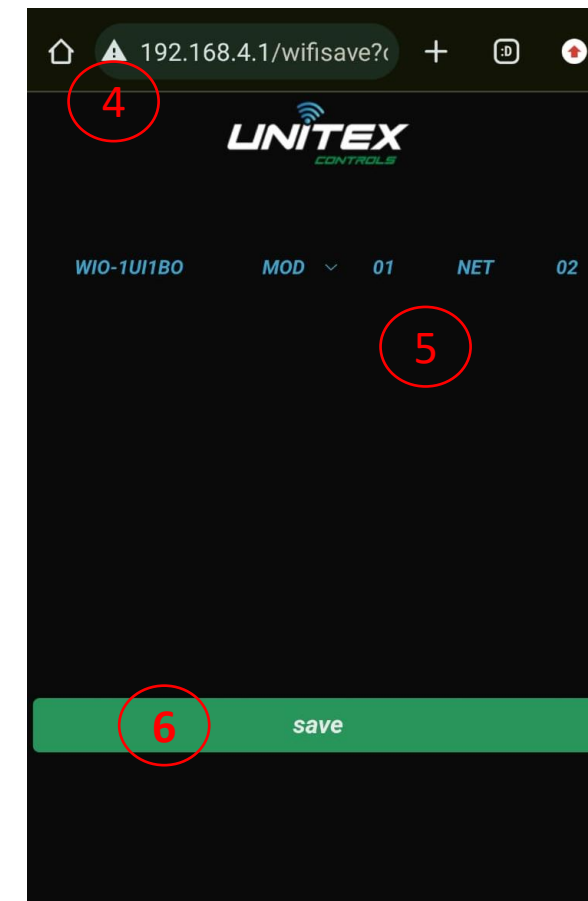- **Valve Output Indicator.**

Network Configuration

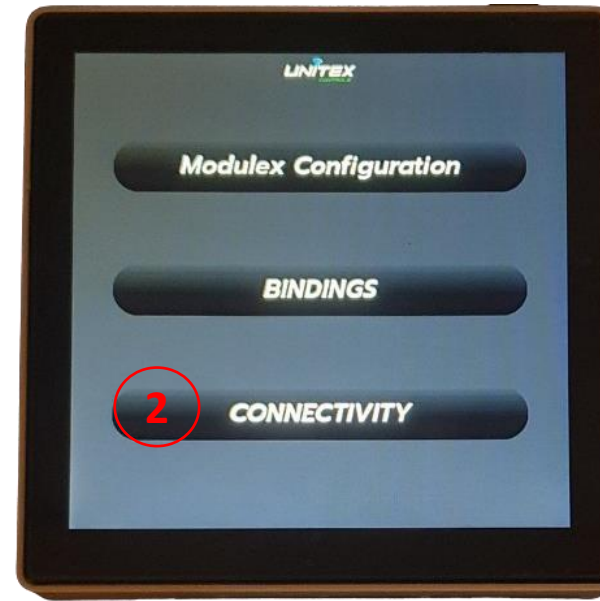Configure the ESP-01 network and start the communication!

Network Configuration

1. Connect the ESP-01

2. Hold press for 11-13 seconds

3. Connect to the Wi-Fi Network (ESPNOW....)

4. open 192.168.4.1

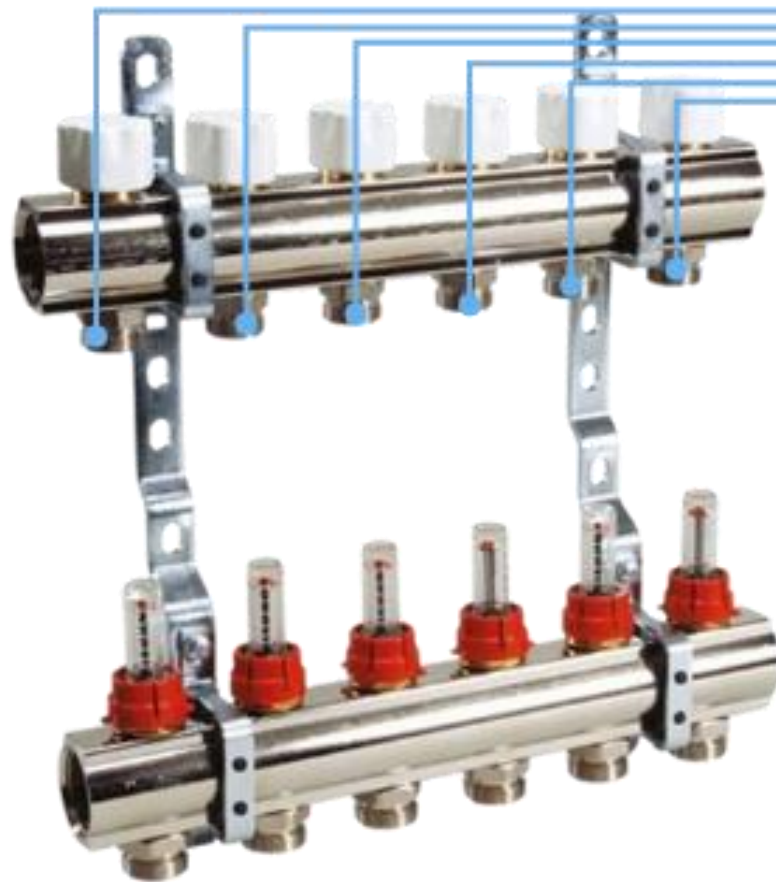5. Select the Modulex-28 Mac And Network

6. Save the parameters

Network Configuration

1. **Press on Wi-Fi Configuration Symbol.**
2. **Press on Connectivity.**
3. **Select:**
   - one master screen **ONLY.**
   - Scr mode "TSTAT" .
   - Scr mac   (1-7; the closest to Modulex "1" and the most far "7").
   - Common Network between the Modulex-28 and thermostats.
   - Target Modulex-28 mac
4. **Save configuration (Screen will restart to start the new configurations and communicate).**
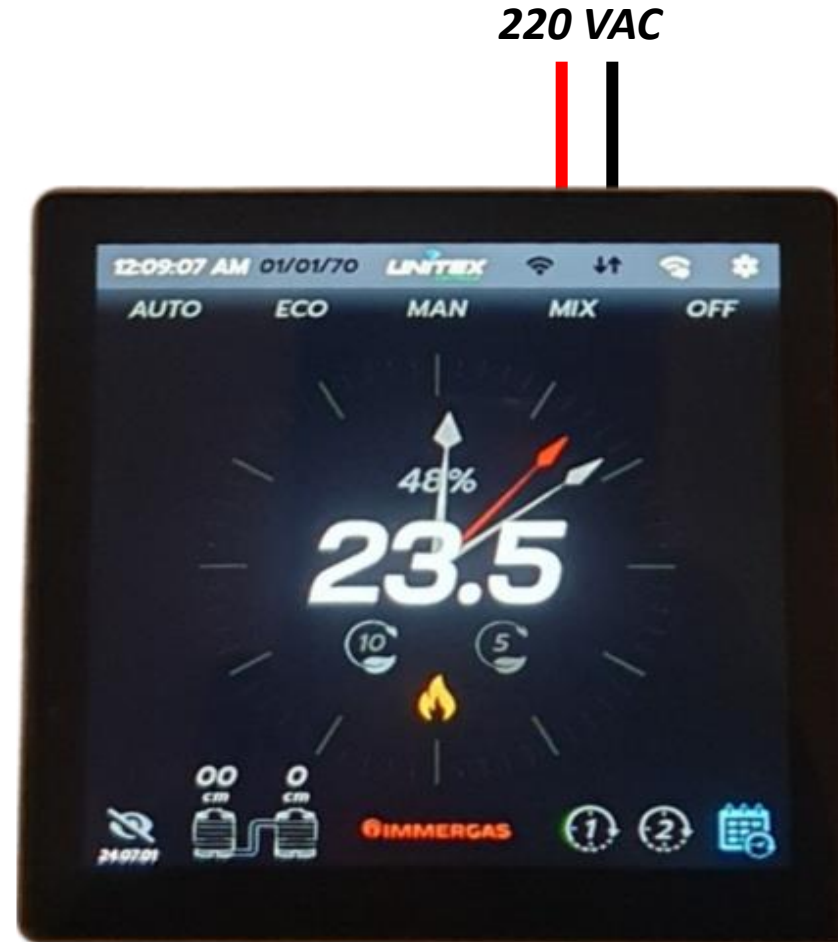
Wiring & Connection

UNITEX CONTROLS
Simple Solution For Complex IoT

24 VAC

Always connect to BO-08

UFH actuator valves

Wiring & Connection

220 VAC

- *Compatible with 8×8 Box.*
- *220 VAC .*
- *24 VAC (Optional)*

Communication & Data Exchange

- **Intelligent Thermostats Screen Mac Address is selected based on the distance to the Modulex-28.**
- **If the connection wasn't established between the source and destination; the Intelligent thermostats functions as an extender and assure the connection.**

Why Unitex Controls

3 years warranty (optional extension after 3 years with low cost)

After sales services

Technical support

Video explanation of every product (coming soon)

Fully commitment for product highly efficient functionality

Value for money

Customization (white labeling)

Contact Us

UNITEX
CONTROLS
Simple Solution For Complex IoT

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