DAXI



Applications:

- Smart home control systems - lighting, shutters, heating, ventillation
- Server rooms and telecommunication cabinets monitoring
- Automation control
- Monitoring of environmental parameters

Wi-Fi

SWITCH LAN

LUA

POE 802.3AF

KNX

SMS

MODBUS TCP

Characteristics:

- Equipped with a modern web interface for device configuration and status preview.
- Supports various sensors: temperature, humidity, pressure, analogue: voltage and current, gas presence, inputs.
- Automation of operations based upon measured values: e.g. switching ventillation on after humidity reaches a certain threshold. Built-in graphical user interface for intuitive configuration of conditions and activation thresholds.
- Extensive time-based action execution interface enables implementation of temporal dependencies. Built-in astronomical clock allows for output control depending on the sunrise or sunset times.
- Inputs detecting the type of trigger: long and short button press, count, frequency measurement.
- Relay outputs operating in standard (on/off), astable (alternating), timed (activation for a specified time), group (shutter control) modes.
- Simple forwarding of input/output states from/to external devices.
- Built-in Modbus agent (mbAgent), enables download of data from external Modbus devices and mapping it for control purposes. The agent can also send control signals to Modbus devices.
- Logging sensor readings for later analysis, graph plotting, data export to external systems.
- Monitoring of network devices (Watchdog).
- Integration with other Inveo devices (iCluster).
- E-mail or SMS notifications.
- Built-in Lua script interpreter for advanced users.
- Integration with cloud-based applications and systems via HTTP(S), MQTT(S), e-mail, Modbus TCP, Syslog, SNMP v2c/v3, KNX, TCP/UDP communication protocols.
- Built-in 2 port network switch.
- Optional Wi-Fi and built-in 230V AC power supply.

Technical characteristics

Power supply	PoE: 33-57V IEEE 802.3af	230V AC (option)	10-24V DC, 3,5mm screw terminal
Power consumption	1,2W - 3,5W depending on the amount of active outputs		
Sensor input	2 RJ12 connectors	1-Wire bus	Supports up to 16 sensors
	Dedicated sensors: temperature, humidity, pressure, analogue/voltage (0-10V), analogue/current 4-20mA, gas: CO, CO_2, No_x		
Inputs	Amount of digital inputs: 8	Input voltage: 10-24V	
	Input type: galvanically isolated, pre-polarized, NO/voltage		
Outputs	8 potential-free NO relay outputs	Maximum voltage: 230V AC	
	Operating modes: bistable, astable, monostable, shutter, timed		
	Maximum channel load: 2A		
Communication	2 Ethernet 10/100Mbps, RJ45 ports	Wi-Fi (option)	
Enclosure	IP rating: IP30	Dimensions: 90 x 107 x 65,2mm	
Operating temperature	From -10°C to +55°C		

Version	230V AC power supply	Wi-Fi	Catalogue number
DAXI LED	-	-	DX-0140-0057-00
DAXI LED 230V	✓	-	DX-0140-0077-00
DAXI LED Wi-Fi	-	✓	DX-0140-005F-00
DAXI LED Wi-Fi 230V	✓	✓	DX-0140-007F-00