

Since 1981
Four Decades of MESSUNG



Excellence & Innovation, Since 1981

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Qurican

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navomesh
A Make in India Initiative


KNX



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**TECHNOLOGY
 CENTRE**

**All Messung Ourican Products are Designed,
 Developed and Manufactured in India**



Timeless and Future-proof Technology

Limitless Potential

It's all about KNX

Messung Ourican offers state-of-the-art KNX solutions designed and developed by experts, integrating more than 4 years of experience, and is quality tested in accordance with global standards.

Over the last 4 years, Messung has invested in a proper R & D department and a state of the art In-house production facility in Pune, India to manufacture the entire range of Ourican products. The KNX range of products have received official KNX certification, reinforcing Messung's vision to deliver International quality products to the market.



Fan Controller

MES-CFC-4PRO

Ceiling Fan Controller 4 Channel



4 Channel ceiling fan controller offering 5 speed control of 4 independent fans over KNX primarily used with AC ceiling fans upto 90W load / Channel.

Features:

- 4 Channel ceiling fan controller
- Control up to 5 speed for each channel
- Manual output operation with push button and LED indication
- 10 Scene functionality
- Programming button with LED indication
- Maximum load per channel (recommended): 90 W
- Mains input voltage: 230VAC (50 Hz) +10% -20%
- Recommended cable section: 2.5 sq. mm.
- Dimension: 213 (L) X 90.5 (H) X 62 (D) mm (4 DIN unit)

*10A MES-CFC-4 also available. Requires external 24VDC power supply.

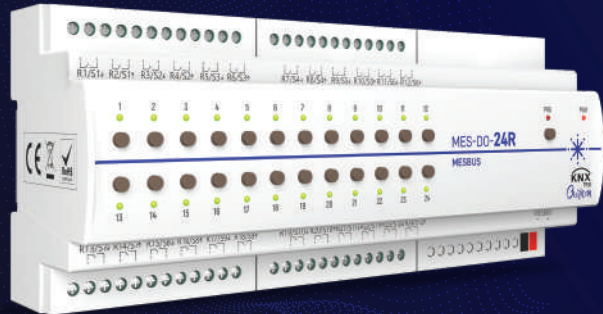


KNX Solution

Actuator

MES-DO-24R

24 Relay Output Multifunction Actuator



A multi-function actuator with 24 relays that can be used for a wide array of control functions from basic light on/off, shutter control (2 Relay output /motor), boilers, Ceiling Fan Control, Fan coil actuator for Centralised AC & multi-Split system control.

Features:

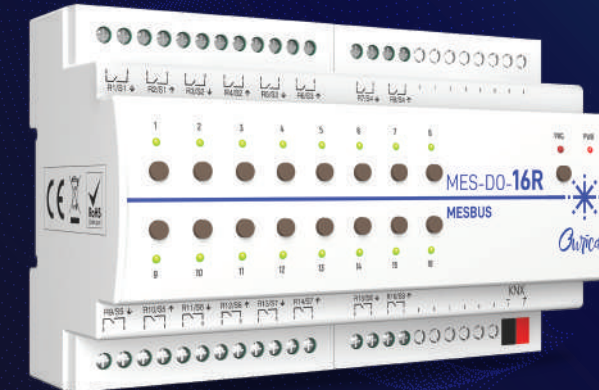
- 24 Individual outputs/12 shutter channels
- Includes 6 independent thermostat functions.
- **Supports 6 Fan-coil actuators 2-pipes with 3 speeds**
- **Supports 4 Fan-coil actuators 4-pipes with 3 speeds**
- Manual output operation with push-button and LED status indicator
- 10 Scene functionality
- Enables one-channel ceiling fan control using 4 relays and the EX-CFC-1 module.
- Logic functions, last scene recall & data recovery
- Lock / unlock functionality for secure operation
- Possibility of connecting different phases in different outputs
- Programming button and LED indication
- Timer and pulse functionality
- Output relay rating: 16A/250VAC
- Rated current by output: 16A*277VAC (4,432 VA)
- Maximum inrush current: 100 A (resistive load)
- Outputs per common: 1 output (switching) 2 outputs (shutter)
- Dimension: 213 (L) x 90.5 (H) x 62 (D) mm (12 DIN Unit)

KNX Solution

Actuator

MES-DO-16R

16 Relay Output Multifunction Actuator



A multi-function actuator with 16 relays that can be used for a wide array of control functions from basic light on/off, shutter control (2 Relay output /curtain motor), boilers, Ceiling Fan Control, Fan coil actuator for Centralised AC & multi-Split system control.

Features:

- 16 individual outputs or 8 shutter channels.
- **Supports one two-pipe fan coil control for cooling (on/off valve and fan speed control for FCU).**
- 10-scene functionality.
- Enables one-channel ceiling fan control using 4 relays and the EX-CFC-1 module.
- Last scene recall and data recovery
- Manual output operation with push-button and LED status indicator.
- In-built thermostat functionality.
- Allows connecting different phases for different outputs.
- Includes logical functions.
- Output relay rating: 16A/250VAC.
- Rated current per output: 16A*277VAC (4,432 VA).
- Maximum inrush current: 100A (resistive load).
- Outputs per common: 1 output (switching), 2 outputs (shutter).
- Dimensions: 142.3 (L) x 90.5 (H) x 62 (D) mm (8 DIN units).

KNX Solution

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Actuator

MES-DO-8R

8 Relay Output Multifunction Actuator



A multi-function actuator with 8 relays can be used for a wide array of control functions from basic on/off of lights/ load control, Ceiling fans, Motorized curtains (1 channels per motor), to name a few applications.

Features:

- 8 Individual outputs/4 shutter channels
- Manual output operation with push button and LED status indicator
- 10 Scene functionality
- Logical functions included
- Last scene recall and data recovery
- Lock / unlock functionality for secure operation
- Timer and pulse functionality
- By using 4 relays and adding the EX-CFC-1 Module, we can add one channel ceiling fan control
- Possibility of connecting different phases in different outputs
- Programming button with LED indication
- Output relay rating: 16A/250VAC
- Rated current by output: 16A*277VAC (4,432VA)
- Maximum inrush current: 100 A (resistive load)
- Outputs per common: 1 output (switching) 2 outputs (shutter)
- Dimension: 71.3 (L) x 90.5 (H) x 62 (D) mm (4 DIN units)



KNX Solution

Expansion Module for Actuator

EX-CFC-1

Expansion 1 Channel Ceiling Fan Controller



A unique product in the Ourican basket. Utilising 4 relay output from any of the Ourican actuators, the EX-CFC-1, then provides complete ceiling fan control (1 channel, 5 speeds, scenes, etc.) over KNX. Ideal solution for last minute additions to the installation.

Features:

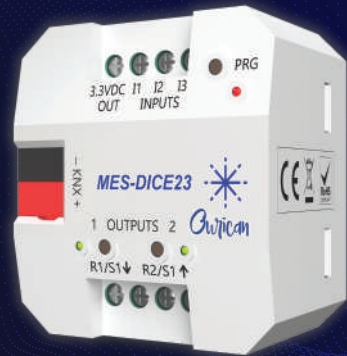
- 1 Channel ceiling fan controller
- EX-CFC-1 is an accessory to the actuators, utilizing 4 relay output of the actuator to operate a single ceiling fan
- Controls up to 5 speeds
- 10 Scene functionality – configurable from scene 1 to 64
- LED indicator showing that the device is on
- Manual operation using push buttons and LEDs of actuators.
- **Only compatible with MES-DO-24R, MES-DO-16R and MES-DO-8R**
- Fan wattage - Upto 90W
- Dimension: 45 (L) x 90.5 (H) x 62 (D) mm (2 DIN units)

KNX Solution

Actuator

MES-DICE23

2 Multi-function Relay outputs
3 universal inputs



Two 16A outputs, 3 inputs, in a compact assembly to be mounted ideally in a switch metal box. A preferred solution for last minute circuit additions or when wiring is a constraint at site. Inputs can be used to bring KNX operability over conventional switches, motion sensor, door/window contacts, temperature sensors.

Features:

- 2 Individual outputs /1 Shutter Channels
- 3 Digital and analog inputs
- Manual output operation with push button and LED status indicator
- 10 Scene functionality
- Last scene recall and data recovery
- Lock / unlock functionality for secure operation
- Timer and pulse functionality
- Last scene recall and data recovery
- Logical functions included
- Possibility of connecting different phases in different outputs
- Programming button with LED indication
- Dimension: 50.5 (L) X 55.5 (H) X 34.1 (D) mm



Lighting Control

MES-DIM-4VR

4 Channel Analog Dimmer



4 Channel Analog dimmer compatible with most analog dimmable drivers available. Multiple drivers can be connected over each channel. Dimming parameters are programmable over ETS.

Features:

- 4 Channels of 0 - 10V output and 4 channels for relay switching
- Manual output operation with push button and LED status indicator
- 10 Scene functionality
- Last scene recall and data recovery
- Lock / unlock functionality for secure operation
- Possibility of connecting different phases in different outputs
- Last scene recall and data recovery
- Programming button and LED
- Output relay rating: 16A/250VAC
- Maximum current: 16A
- Maximum power: 4000VA
- Max number of drivers per channel: 32
- Dimension: 71.3 (L) X 90.5 (H) X 62 (D) mm (4 DIN units)



Lighting Control

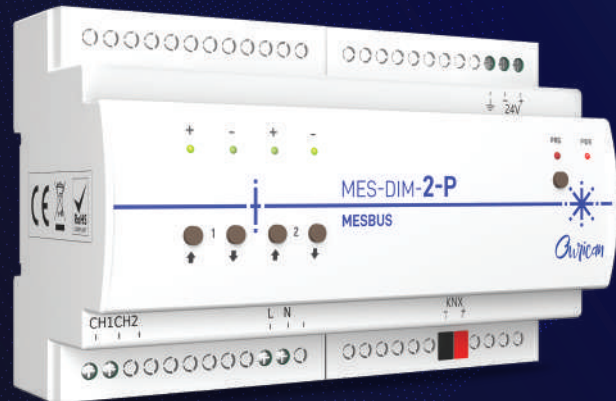
MES-DIM-2-P

2 Channel Phase-Cut Dimmer

2 Channel phase-cut dimmer. The device offers up-to 300W dimming per channel. It allows combining/grouping 2 independent channels upto 600W at 230VAC. Primarily recommended for incandescent and LED lights. Dimming parameters programmable over ETS.

Features:

- 2 independent channels
- Manual output operation with push button and LED status indicator
- 10 Scene functionality
- Programming button
- Dimming control: on/off and dimming 0 – 100%
- Short circuit protection: Yes
- Outputs per common: 1 individual output
- **Maximum allowed power: 300W per channel & combine channel up-to 600W phase-cut dimmer.**
- Load type: incandescent and LED
- Dimension: 142.3 (L) X 90.5 (H) X 62 (D) mm (8 DIN Units)



KNX Solution

Lighting Control

MES-DALI-64

1 CH DALI Interface



MES-DALI-64 controls 64 independent DALI drivers and 16 DALI groups. The module is designed on the DALI 2.0 protocol and offers lighting temperature control (cool & warm).

Features:

- 1 DALI outputs for max. 1 x 64 ECGs
- Individual control of up to 64 ECGs/16 DALI groups
- **Offers complete RGB(W) mood lighting control.**
- Supports DALI and DALI-2 standard, as well as DALI DT6/DT8 ECG
- Tunable White, color temperature control
- Feedback on switching condition and brightness levels in both bus and manual operation.
- 16 Scene functionality
- Fault detection of lamp faults and faulty ECGs
- Individual DALI devices can be replaced during operation without software.
- Integrated DALI Power supply
- Short circuit, overload and overvoltage protection.
- LCD display for menu guidance during start-up and parameter settings
- Free Utility software for commissioning the DALI bus system & configuration of the scenes.
- DIN rail mount assembly
- Dimension: 71.3 (L) X 90.5 (H) X 62 (D) mm (4 DIN Units)

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DALI

KNX Solution

IR Controller

MES-DICE-IR4

4 Channel IR Interface for AC and AV



IR Learner

MES-DICEJR-IRL

IR Learner Tool for MES-DICE-IR4



4 Channel IR controller for individual and synchronized control of electronic devices (that operate on IR). Devices like ACs, TVs, other AV components can be completely controlled over IR, reducing the need for individual remotes.

Features:

- 4-channel IR interface for AC and AV.
- **Ability to learn 100 universal IR codes and 1202 AC IR Codes.**
- **Configure up to 4 ACs on one IR controller (Same Brand and type only)**
- **Learn & Configure up to 2 unknown ACs on one IR controller**
- ETS programming simplified with special software for code learning.
- Supports 20 macros with 10 steps each to send multiple IR codes sequentially.
- 16-scene functionality for AC control, including status updates.
- Data saved during BUS failure.
- Maximum IR cable distance per channel: 10 meters.
- Dimensions: 50.5 (L) x 55.5 (H) x 34.1 (D) mm.

MES-DICEJR-IRL serves as a support device for learning IR codes from remotes, which can then be programmed into MES-DICE-IR4.

Features:

- Ability to learn AV/TV and AC IR codes for devices
- Ability to test the learned IR codes using a utility
- LED Indication when learning and testing the IR codes
- Easy detection on Laptop/PC (No external driver required)
- Dimension: 57.4(L) x 19(H) x 44.4(D) mm.



KNX Solution

Gateway

MES-DICE-I2C

KNX to I2C Gateway



- Messung DICE-I2C gateway provides the interface to the KNX system
- Supports any keypad with I2C communication – push buttons, capacitive touch keypads, potential-free switches or contacts
- Convert any 3rd party keypad to the KNX ecosystem
- Interface – via I2C bus OR binary inputs
- Mounting – back boxes or false ceiling

Each key can be configured as:

- Switch (On/Off / AC On/Off)
- Dimmer (RGB LED, TW LED, LED lights, etc.)
- Shutter (open, close, and stop)
- Fan speed (cyclic single or two-button)
- Scenes
- Send a fixed value
- Send sequence
- Each key can work individually or 2 keys in a pair

Each LED function can be configured as:

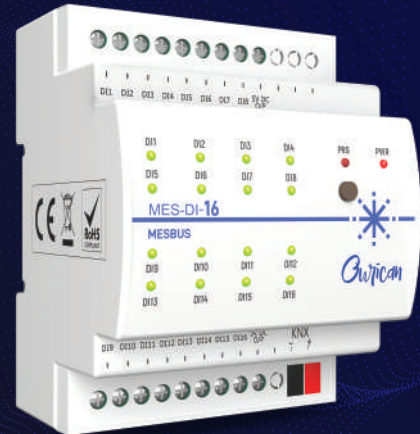
- Dimmable (as per status and scene)
- Flashing
- Always ON, always OFF
- Behaviour configurable in ETS (software)

KNX Solution

Input Device

MES-DI-16

16 Channel Digital Input



16 digital inputs primarily used to connect the KNX eco-system to binary Input Device conventional switches. It then allows control of lights, dimming, fans, shutters, etc., over binary switches provided the control points are on KNX.

Features:

- 16 Individual inputs (non-isolated)
- LED indicator for individual input channels
- Suitable for switching, dimming, shutter, fan and scene control
- Programming button with LED indicator
- Dimension: 71.3 (L) X 90.5 (H) x 62 (D) mm (4 DIN Units)

KNX Solution



Power Supply

MES-PSU-640

KNX Bus Power Supply



KNX Power supply to convert 230V to 29VDC output. Required for all KNX installations.

Features:

- 180-270VAC 50 Hz or 250-320VDC input voltage
- KNX bus supply with additional 29V DC aux supply
- Low standby power consumption, high efficiency
- Output short circuit, over-current, over-voltage protection
- KNX bus reset function
- LED indicators for working status, over-load and reset
- High I/O isolation test voltage up to 4000VAC
- SELV (Safety Extra Low Voltage)
- Integrated KNX choke
- Dimension: 71.3 (L) X 90.5 (H) x 62 (D) mm (4 DIN units)

KNX Solution





White



Black



Grey

MES-OKS-6K

- Single and pair button functionality
- Data saving on KNX Bus failure
- No external supply required
- In-built thermostat functionality
- Dimension: 82x82 mm

Messung Ourican's MES-OKS-6K, offers 6 high-quality, multi-functional push buttons. Available in the same 82X82 mm size as the MES-OKS-6D, the two front ends complement each other in offering a wide range of control solutions for home, office, and hotel automation installations.

The MES-OKS-6K is simple, sturdy, and made with utility in mind. The device can be programmed for lighting on/off, dimming, shutter control, ceiling fan control, or any other on/off, dimming application. It can also be programmed to control complex scenes, from a basic maid scene at home to a complete entry-exit scene to control the whole KNX ecosystem with the press of one button.



White



Black



Grey



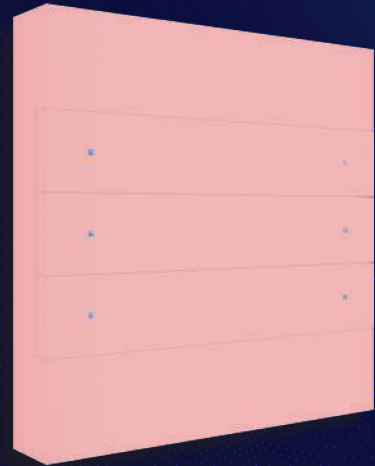
MES-OKS-6D

- 6 High quality multi-function push buttons and display
- 6 Pages 32 programmable functions available
- 2.4" Colour display
- Customized in-built icons
- In-built thermostat functionality
- Available in white, grey and black
- Dimension: 82x82 mm

A versatile KNX front-end from Ourican. 6 push buttons, allow 32 functions over a multi-page display (2.4" colour). An extensive icon library for programming. In-built RTC.

MES-OKS-ELEGANCE

3 Gang Piano Switches



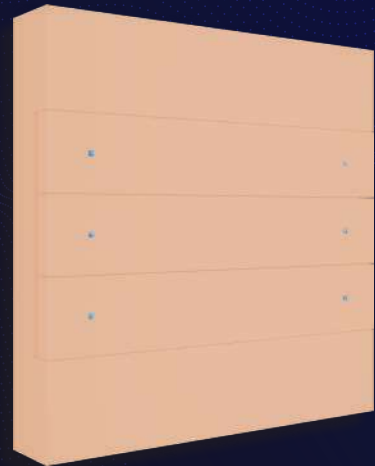
Baby Pink



Pastel Blue



Pastel Yellow



Pastel Peach



Pastel Mint



Pastel Lavender



White



Black



Grey



Denim Blue



Purple



Olive Green

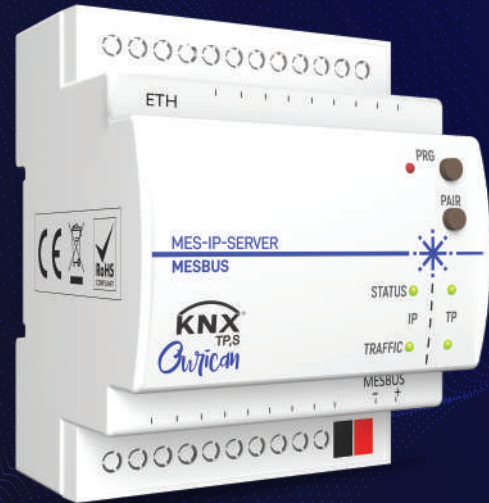
- 3-gang, 6-button piano switch.
- Status indication via color LEDs.
- In-built temperature probe.
- Single and paired button functionality.
- Data saved during KNX BUS failure.

- No external power supply required.
- Available in White, Black, Grey, Denim Blue, Purple, Olive Green with Many other Color options available.
- Dimension: 82x82 mm.

System Device

MES-IP-SERVER

IP Server for Smartphone App



The MES-IP-SERVER is designed from the ground up to create a seamless APP interface. Offering complete control of the KNX ecosystem over phone or tablet.

Features:

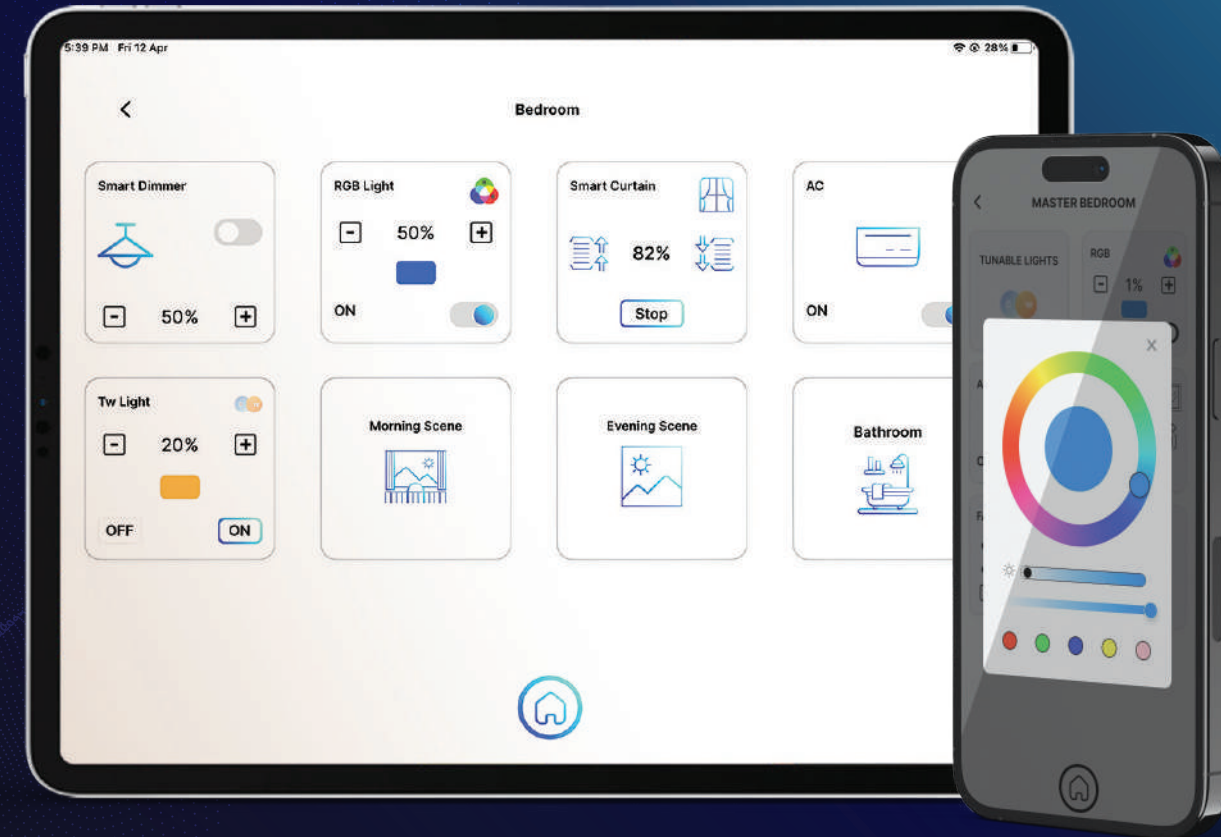
- Interface for Ourican View (Messung Mobile App)
- Supports 120 controls in 15 pages
- Configuration of controls through ETS
- In-built icons library
- IP configuration through ETS or get IP address through DHCP server
- Cloud connectivity
- 2 status LEDs
- Ethernet 10BaseT (10Mbps) with RJ45 socket
- Dimension: 71.3 (L) X 90.5 (H) X 62 (D) mm (4 DIN unit)
- **Complete Scheduling available on Ourican view app (Time and Day) of different Functions like, Scenes, Individual controls, etc.**

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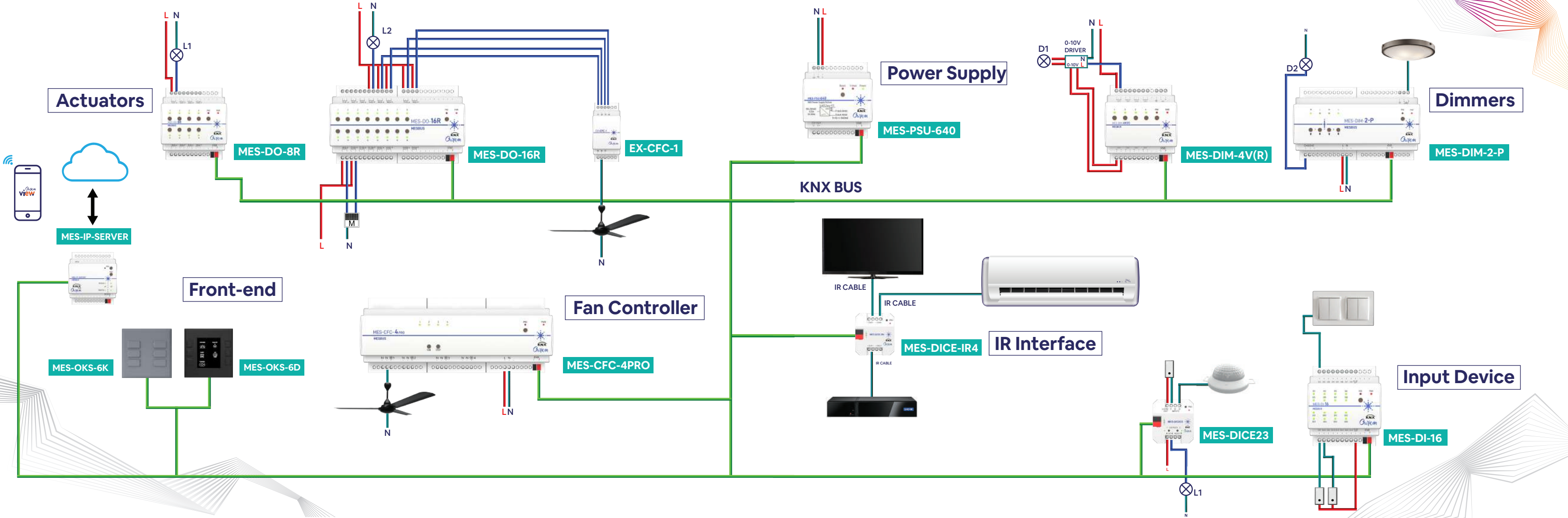
Ourican
view

The Ourican View app, works on the MES-IP-SERVER and offers seamless integration of the KNX ecosystem of a home, commercial space or even a Hotel room over the user's phone or tablet. Easy to install with a wide array of icons available to programme 120 complex control functions and scenes as per the user's convenience.



KNX Solution

KNX Ecosystem



Upcoming Front Ends

Launching in 2025



Ourican Touch Pro 7

Ourican Touch Pro 7

7" Capacitive Touch Panel with Ourican View

- 7" color capacitive touch panel (1024 x600 pixels)
- TFT-LCD Display
- 120 controls over 15 Pages – Switch, Dim, Shutter, Scene, Ceiling Fan, RGB, Tunable White Dimming, AC
- The Touch Pro 7 Also Offers the Ui Controls on the Ourican View App. Available on Apple and Android.
- Ethernet Connection
- In built temperature Sensor
- Proximity Sensor
- Total Data saving on KNX bus Failure
- Micro-USB connection to update firmware and additional functionalities
- Clock with NTP support
- External 24-29V DC Power Supply required





Ourican Touch 4

Ourican Touch 4

4.3" Capacitive Touch Panel

- 4.3" color capacitive touch panel (480 x 272 pixels)
- TFT-LCD Display
- 52 functions up to 7 Pages – Switch, Dim, Shutter, Scene, Ceiling Fan, RGB, Tunable White Dimming, AC
- In built temperature Sensor
- Total Data saving on KNX bus Failure
- Clock with in built RTC
- Proximity Sensor
- 2 Independent Thermostats
- Micro-USB connection to update firmware and additional functionalities



Black



Silver



Gold



Rose Gold

OKS-Elite-Pro

Launching July 2025

OKS-Elite-Pro

Aluminium Room Controller, 32 Functions

(Available in Black, Silver, Gold & Rose Gold)

- Aluminium range of Keypads
- 6 High-quality multi-function push buttons
- 6 Pages with 32 programmable functions
- 2.4" Colour display for intuitive control
- Customized inbuilt icons for easy navigation
- LED indicators to display status
- Inbuilt thermostat functionality
- Home Button to return easily to main function page

Introducing the ELITE series from Ourican. Our Newest range of High Quality, durable Aluminium Keypads in our new Trademarked Design. Made with Sophistication and Luxury in mind, the Elite series is built to make any space in a Home, Office or high end Hotel environment feel luxurious while offering the same robust and reliable KNX features for comfort and convenience.



Black



Silver



Gold



Rose Gold

OKS-Elite-6

OKS-Elite-6

Aluminium 6 Push Button Keypad

(Available in Black, Silver, Gold & Rose Gold)

- 6 Push Button Keypad
- Status indication via colour LEDs
- Single and pair button functionality
- Data saving on KNX Bus failure
- No external supply required
- Compact and durable design
- Ideal for lighting, shading, and scene control

The OKS-Elite-6 is a sleek and sophisticated keypad designed to complement modern interiors. With its aluminium finish available in a variety of stunning colour options like, gold silver, black, & Rose Gold—it adds a touch of luxury to any space.



Expanding Our Global Presence

Industrial Automation | Building Automation & Controls | Home, Office & Hotel Automation | Workplace Technology



Excellence & Innovation, Since 1981

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An initiative by Messung

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