



Smart Node

Simplify Your Smart Living



LUMA

TOUCH INTERFACE

Product Description

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Smart Node Automation



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Product Info

Product Description

The **Smart Node Luma Touch Panel** combines sophisticated design with intelligent home control, bringing a premium touch experience to modern interiors. Its sleek, premium finish blends seamlessly with modern interiors while providing intuitive control of lighting, fans, curtains, blinds, and other connected appliances.

Designed for effortless everyday use, Luma brings multiple home functions together in one elegant interface, delivering a seamless blend of style, convenience, and smart automation.

Features

- **Experience modern elegance:** With a sleek, future-proof design, the Smart Node Touch Interface comes with integrated capacitive touch surfaces.
- **Shock-proof:** Capacitive touch surfaces work without interrupting flow, even with wet hands.
- **Modular flexibility:** Customised Interfaces are easily upgradeable to the latest technology.
- **Feather touch technology:** Smooth and effortless control.
- **Tunable & Dimming Control:** Easily adjust light brightness and tunable lighting using the intuitive slider.
- **Universal Dimming:** Supports universal dimming for flexible lighting control.
- **RGB Backlight:** RGB backlighting provides a stylish and customisable visual experience.
- **Quick Back-End Plate Replacement:** The back-end plate can be quickly removed and replaced without disturbing the front touch interface panel.

Benefits

- **Easy installation:** It’s hassle-free to install, just like any switchboard.
- **Retrofitting:** Upgrade existing mechanical switches to a touch interface without changing the existing wiring.
- **Personalisation:** Choose your preference, with numerous options available.

Technical Details

Technical Specifications:-

Operating Voltage	3.3VDC
Support	ON-OFF, 0–5 Fan speed levels and 0-100% brightness dimming/tuning
Mounting type	Indian standard flush mount
Materials	Acrylic, Glass (Standard); Wood, Marble (Customised)
Module size (Product size)	2M, 3M, 4M, 6M, 8M, 12M, 16M, and 18M (16M and 18M are only available in acrylic and wood.)
Colour	Black, White, Metallic Silver Grey, Metallic Golden Grey (Standard); Custom colours available from Asian Paints Cosmos Series.
Operating/ Storage Temperature	Typically -20°C to 50°C
Humidity	Up to 90% RH, non-condensing
Splash Resistance	Yes
Shock-proof	Yes
Warranty	5-year

Touch Interface Specifications:-

Control Method	Physical, IR Remote, Mobile App and Voice Control.
Contact Type	Capacitive
Touch Buttons	As per SD/RD
Response Time	< 50 ms for Touch Register
Durability	Up to 5 million touch operations per point
Remote Technology	IR
Remote Control Range (IR)	8 Meters

Note: Always use Touch Boosters when extending touch panels. Without the required boosters, touch response may be affected, and LED brightness may be reduced.

Combination

Lighting Automation			
Luma Touch Interface (S-Switch, R- Regulator)	Compatible		Module Size
	Smart Device	Remote Device	
LTI.2S (SD)	SD.2XXNX SD.2XXXH	-	2 Module
LTI.2S (RD)	-	RD.2XXNX RD.2XXXH	
LTI.2S1R	SD.2XDXX	-	
LTI.4SS	SD.4XXNX	RD.4XXNX	
LTI.4S	SD.4XXNX	RD.4XXNX	3 Module
LTI.2S1R	SD.2XHDXX	-	4 Module
LTI.4S1R	SD.4FDNH SD.4XDXX	RD.4FDNH -	
LTI.4S1R	SD.4HD	-	6 Module
LTI.6S1R	SD.6FDNX	RD.6FDNX	
LTI.8S	SD.8XXNH	RD.8XXNH	
LTI.8S1R	SD.8FDNH SD.8FXNH	- RD.8FXNH	
LTI.10S1R	SD.10FXNH	RD.10FXNH	8 Module

Curtain Controller & Curtain Motor		
Touch Interface	Compatible	Module Size
LTI.1C	SD.1C.1	2 Module
LTI.2C	SD.2C.1	
LTI.1C (Curtain Flow)	CF1.1	

Smart Way Control		
Touch Interface	Compatible	Module Size
LTI.4SS (SSC)	SD.SSC.1	2 Module
LTI.4S (SSC)	SD.SSC.1	3 Module
LTI.6S (SSC)	SD.SSC.1	6 Module
LTI.8S (SSC)	SD.SSC.1	6 Module
LTI.10S (SSC)	SD.SSC.1	8 Module

Dimensions

Module Size	Panel type	Dimensions L x H (mm)
2 Module	Luma	92.60 x 89.10
3 Module	Luma	89.00 x 115.00
4 Module	Luma	153.50 x 89.00
6 Module	Luma	226.20 x 89.00
8 Module	Luma	268.00 x 89.00
12 Module	Luma	226.00 x 159.5
16 Module	Luma	268.00 x 159.00
18 Module	Luma	226.00 x 225.00

Structure of Panel Series

6M.LU.Material.Colour.(LTI.8S+LTI.4S+...)

