

# Specification Sheet

User Interfaces > Antumbra



## Contemporary button panel with colour LCD

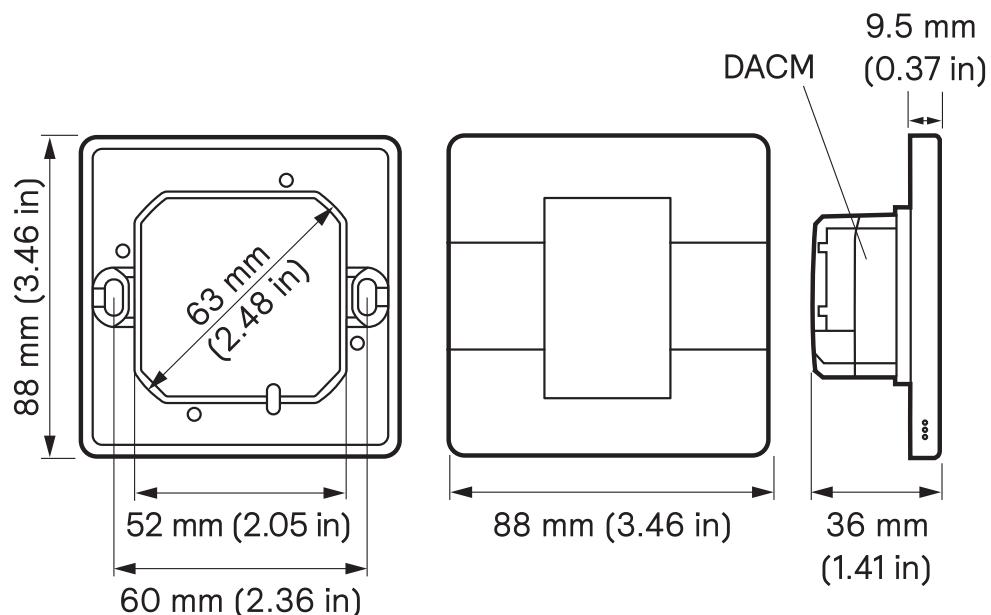
The Antumbra Display user interface provides a central display to present multiple pages of functions and system information. It incorporates the latest in field effect technology.

The contemporary design features a number of button configurations, with each button capable of local or site-wide control functions. The DADPE range is suitable for, but not limited to, European, Middle Eastern, African, and Asian markets.

## Key Features

- **Field effect proximity detection** – The user interface detects an approaching user and 'wakes up', initiating a wall-wash lighting effect to encourage interaction (mounting plate must be grounded to avoid false triggering from nearby ungrounded metal objects).
- **Supplied as two components** – The Application Module contains buttons, rim, base, and mounting plate, which can be mixed and matched to suit décor. The Communication Module contains all of the logical and network functions and is pre-programmed off-site, allowing commissioning to commence prior to finish options being finalised.
- **Hidden sensory inputs** – Built-in temperature and humidity sensors automatically adjust air conditioning when integrated into the system.
- **Colour LCD** – Navigate up to 16 pages of button functions and system information such as temperature, time, channel level, and current scene.
- **Multiple language and icon labelling** – Button labelling language choices include English, Chinese, and Arabic. A library of common icons transcends language barriers, which is particularly useful in hospitality applications.
- **Décor-matching options** – Buttons and rims are available in a range of attractive polycarbonate and metallic finishes.
- **64-channel DMX Tx support** – Can be factory-set to DMX instead of DyNet, to communicate directly with DMX512 fixtures.

## Dimensions



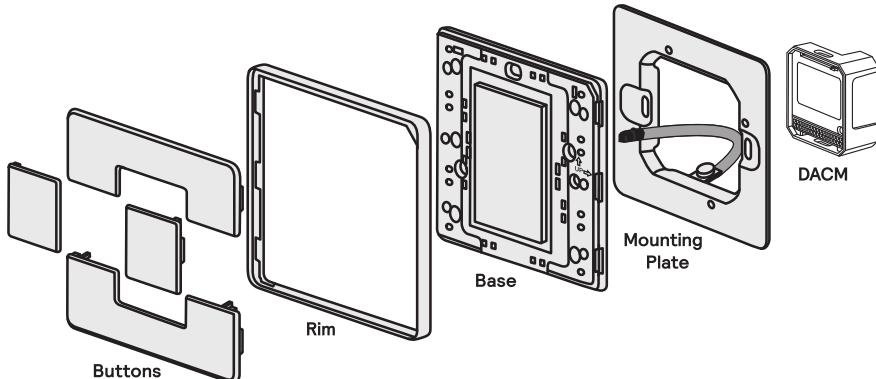
## Specifications

Electrical		Communication Module	
Supply Type	DyNet	Serial Ports	1 x RS-485
Supply Voltage	12-24 VDC (SELV/Class 2)	Supported Protocols	DyNet DMX Tx
Supply Current	90 mA @ 12 VDC 50 mA @ 24 VDC	DMX Tx Channels	64
IEC Overvoltage Category	II	User Controls	1 x service switch
Indicators		Indicators	1 x service LED
Display		Physical	
Display Type	TFT-LCD	Dimensions	88 x 88 x 36 mm (3.46 x 3.46 x 1.42 in) (Fully assembled)
Display Resolution	448 x 272 px	Packed Weight	<b>Application module:</b> 0.2 kg (0.44 lb) <b>Communication module:</b> 0.12 kg (0.25 lb)
Viewable Area	53.3 x 30.2 mm (2.1 x 1.19 in)	Serial Ports	1 x 5-way pluggable screw terminal
Viewing Angle	80°	Serial Port Conductor Size	0.3-2.5 mm <sup>2</sup> (#22-12 AWG)
Application Module		Environment	
User Controls	6 x software-configurable buttons	Operating Temperature	-5° to 50°C ambient (23° to 122°F)
Indicators	White indicator LED on each button White wall-wash backlight	Storage/Transport Temperature	-25° to 60°C ambient (-13° to 140°F)
Temperature Sensor Range	5° to 40°C (41° to 104°F)	Relative Humidity	≤90% non-condensing
Temperature Sensor Accuracy	± 1°C (± 1.8°F)	IEC Pollution Degree	II
Humidity Sensor Accuracy	± 5%	Installation Note	Indoor installation only
Compliance			
Certifications		CE, RCM, FCC, ISED, UKCA	
Sustainability		RoHS	
IP Rating		IP22	

## Available Finishes



## Antumbra Display EU Assembly



## Ordering Codes

### Application Module Ordering Codes

The Application Module contains the buttons, rim, base and mounting plate. The buttons and rim are available in the range of finishes shown below. The base contains all the sensors and LED indicators. Sensitive components are enclosed by a rubber envelope to give an IP22 rating, allowing installation in high-condensation environments such as bathrooms.

A metal mounting plate attaches the Antumbra panel securely to the wall, ensuring stable, reliable operation.

**DADPE-SM-X**

Button Finish	Rim Finish	Button Labelling
Lacquer (Polycarbonate)	Luxe (Metallic)	X = Not Available
M = Magnesium	A = Aluminium	
S = Silver	C = Chrome	
W = White	M = Magnesium	
	J = Jet	
	N = Noir	
	P = Prestige	
	V = Vintage	

### Communication Module Ordering Code

The Communication Module is compatible with all interfaces across the Antumbra series, and can be ordered, programmed, installed, wired, and tested without the Application Module attached.

This allows the commissioning process to begin before the final finish options have been chosen, or during construction, and protects the Application Module from damage until the site is ready for occupancy.



Product		12NC
DADM-DyNet	DyNet communication module	913703072809

Accessory		12NC
DINGUS-DUS-DUAL-RJ12	Dual RJ12 connector - pack of 10	913703064309
DINGUS-UI-DUAL-RJ45	Dual RJ45 connector - pack of 10	913703334609