

11xD2 and 13xxD2 Modular Panels

The 11xD2 and 13xxD2 modular panels are a DALI-2 certified range of user interfaces for Helvar's Imagine solution. The range provides panels with a variety of different slider (11xD2) and button (13xxD2) layouts, fitted with LED indicators and an infra-red receiver* that gives the option of remote operation using hand-held remote controls.

* Infra-red receiver for 13xxD2 only

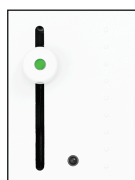
Key Features

- Choice of anthracite grey (B) or white (W) modules.
- Easily reconfigured and programmable using Helvar Designer.
- Designed to fit DIN and UK standard back boxes.
- Double-gang version can take three independent modules.
- Customized versions available upon request. Contact your local Helvar representative for further information.
- DALI-2 certified input devices.



Product Range

Single - 110D2



131WD2



131BD2



132WD2



132BD2



134WD2



134BD2



Double - 111D2



135WD2



135BD2



136WD2



136BD2



137WD2



137BD2

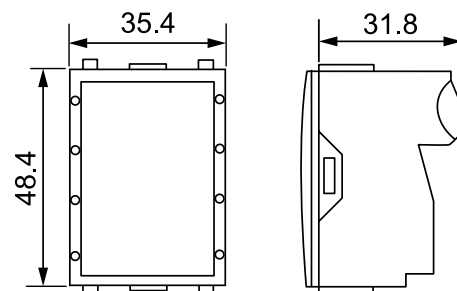
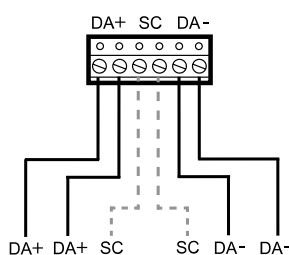
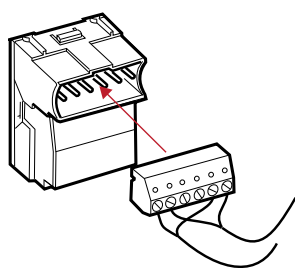


Module Function	Product Code White	Product Code Black
Single Slider	110D2	110D2
Double Slider	111D2	111D2
On / Off (2 buttons)	131WD2	131BD2
Raise/Lower (2 buttons)	132WD2	132BD2
4 scenes + Off (5 buttons)	134WD2	134BD2
4 scenes, Off + Up/Down (7 buttons)	135WD2	135BD2
7 scenes + Off (8 buttons)	136WD2	136BD2
4 scenes (4 buttons)	137WD2	137BD2

	Single-gang frame	Double-gang frame
White Plastic	230S	230D
Polished Brass	231S	231D
Stainless Steel	232S	232D
Painted White Metal	234S	234D
Black Plastic	235S	235D



Connections and Dimensions (mm)



Note: Ensure each connector is fully inserted into the modular panel.

Technical Data

Connections	
DALI cable:	Removable connector block Wire size: 0.5 mm ² – 1.5 mm ² solid or stranded
Cable rating:	All cables must be mains rated.

Mechanical data	
Dimensions:	35.4 mm × 48.4 mm × 31.8 mm
Module weight:	41 g with DALI connector
IP rating:	IP30
Colour:	White (RAL 9003) Anthracite Grey (RAL 7016)

Power	
DALI supply input:	12 V – 22.5 V
DALI consumption:	10 mA max

Operation	
IR frequency:	36 kHz (11xD2 - no IR)
Start-up time:	≤ 500 ms

Operating and storage conditions	
Ambient temperature:	0 °C to +40 °C
Relative humidity:	Max. 90 %, noncondensing
Storage temperature:	-10 °C to +70 °C

Conformity and standards	
Conformity:	
EMC emission:	EN 55015
EMC immunity:	EN 61547
Safety:	EN 61347-2-11
Environment:	Complies with WEEE and RoHS directives.
DALI:	IEC62386, Parts 101, 103, 301 and 302 11xD2 only for 302 13xD2 only for 301

Compatibility	
Router(s):	950
Designer:	For 11xD2: 5.8.4 or later For 13xD2: 5.8.2 or later