



# DTP100

Color Touchscreen

## A feature-rich 4-inch color LCD touchscreen

A Philips Dynalite touchscreen adds a new dimension of control to any automation application. The DTP100 supports a range of features that provide end-users with the ultimate in automation system interaction. The screen can be customized to control all automation elements from one location. The device features a screen size of 56 x 95 mm (2.20 x 3.74 in).

Supplied by:

The image shows the Lightmoves logo, which features the word 'lightmoves' in white with a colorful rainbow arc over the 'o'. Below the logo is the tagline 'illuminating ideas'. The contact information is provided for Melbourne and Sydney, including phone numbers, email, and website.

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illuminating ideas

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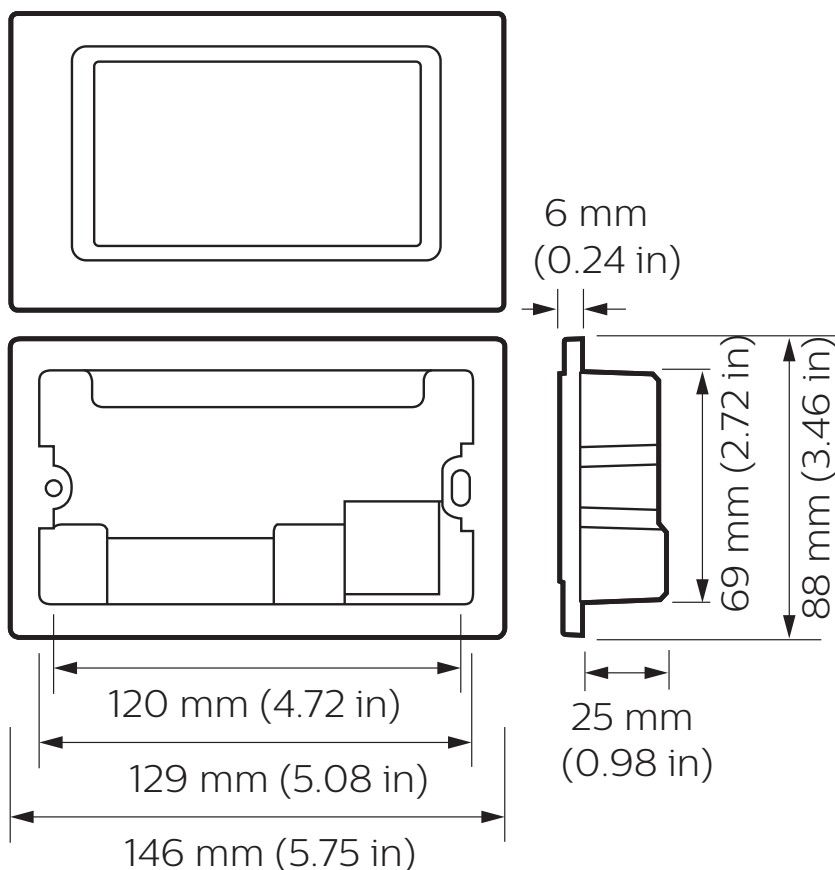
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- **Vivid graphics and sophisticated onscreen controls** – Objects such as logos, buttons, faders, floor plans and diagnostic icons can be placed on pages to perform simple or complex control functions.
- **Simple page creation** – Easy-to-use pages are created using Philips Dynalite's touchscreen editor and JavaScript is fully supported.
- **Windows operating system and full Internet connectivity** – Runs Windows CE with audio and video support.
- **Décor matching capability** – The innovative clip-on fascia can be matched with Revolution series user interfaces, or customized using practically any flat architectural medium.

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## Dimensions



# Specifications

Due to continuous improvements and innovations, specifications may change without notice.



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## Electrical

Supply Type	DC (external PSU available from Philips Dynalite)
Supply Voltage	12-24 VDC SELV/Class 2
Supply Current	400 mA @ 12 VDC 200 mA @ 24 VDC

## Display

Screen Type	TFT LCD resistive touchscreen
Viewable Area	56 x 95 mm (2.20 x 3.74 in) Diagonal 109 mm (4.29 in)
Resolution	480 x 272
Screen Ratio	16:9
Color Depth	16-bit (65536 colors)
Contrast	300:1
Luminance	350 cd/m <sup>2</sup>
Viewing angle	75° Horizontal 75° V <sub>top</sub> 55° V <sub>bottom</sub>

## Communication

Serial Ports	1 x RS-485 1 x Mini-B USB (programming port) 1 x Mini-B USB (keyboard/mouse)
Supported Protocols	DyNet
User Inputs	1 x reset switch
Audio	1 x speaker 1 x 3.5 mm stereo jack

## Hardware

CPU	624 MHz Intel XScale PXA310
Flash Memory	512 MB
SDRAM	128 MB

## OS & Software

Operating System	Windows CE 6.0
Browser	Internet Explorer 6

## Physical

Dimensions (H x W x D)	88 x 146 x 31 mm (3.46 x 5.75 x 1.22 in)
Packed Weight (application module)	0.9 kg (1.98 lb)
Construction	Concealed fixings fascia
Serial Ports	2 x Mini-B USB 1 x 5-way screw terminal +V, D-, D+, GND, SHLD
Serial Port Conductor Size	2.5 mm <sup>2</sup> (#12 AWG) (max)

## Environment

Operating Temperature	-5° to 45°C ambient (23° to 113°F)
Storage/Transport Temperature	-25° to 70°C ambient (-13° to 158°F)
Humidity	0 to 90% non-condensing
IEC Pollution Degree	II

## Compliance

Certification	CE, RCM, FCC, ICES, RoHS
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## Ordering Code

<b>Product</b>	<b>Philips 12NC</b>
DTP100 (w/ stainless steel fascia)	913703074509
DTP100-BG (w/ black glass fascia)	913703074609
DTP100-WG (w/ white glass fascia)	913703074709
<b>Accessories</b>	
DTP100-WALLBOX-RECESS-METAL	913703075309
DTP100-WALLBOX-SURFACEMOUNT	913703075909

