flow7 TAB A series

Product information and specification

Powered Flowers Ltd.

Fircroft Business Centre

Edenbridge UK TN8 6EN
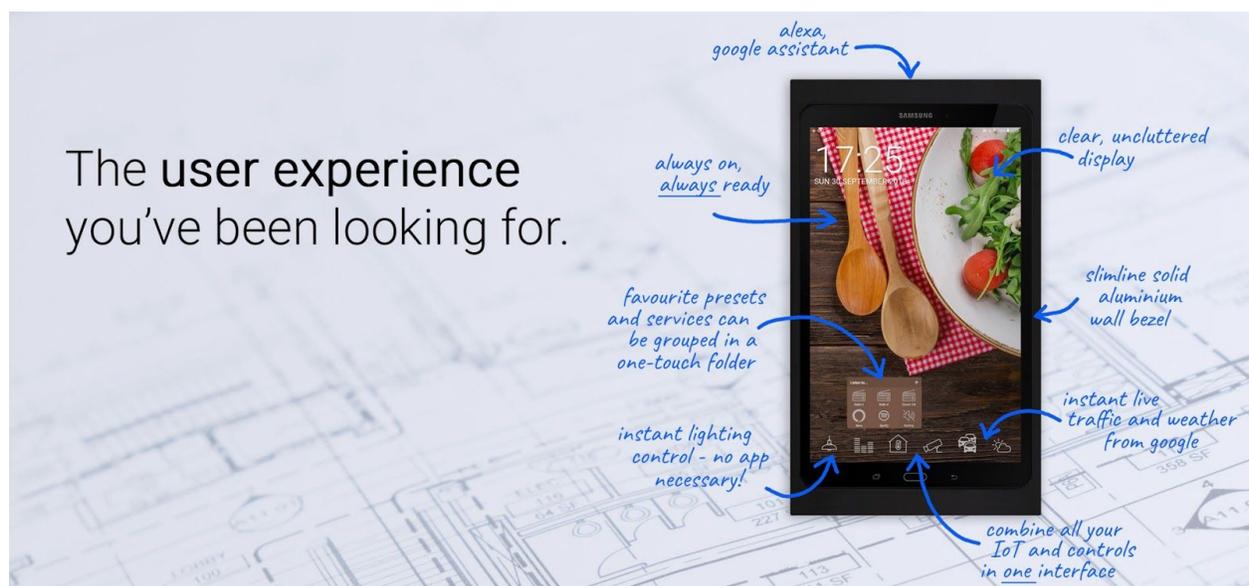
www.flow7.co.uk

Overview

flow7 provides an "always on, always ready" solution for smart-home, boardroom, and media applications. The TAB A series is designed for Samsung TAB A 7" and 10.1 " tablets and provides a constant safely regulated power source (which can be from PoE, Mains transformer, Renewable energy (e.g.: Solar) etc.)

flow7's frame is made from high grade anodised aluminium, which snaps on to a hidden wall plate using high strength neodymium magnets. There are no screws on show and the discrete slimline bezel blends into any room unobtrusively.
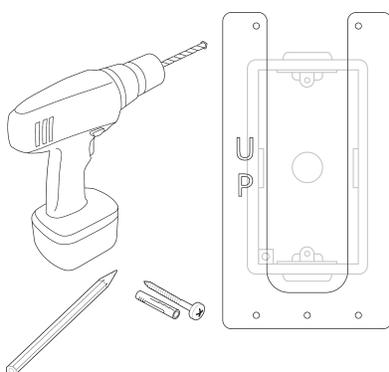
Applications

flow7 is more capable than other touch-screens because it brings control of multiple devices and systems together through a single interface. In addition to "always-on" availability, the frame has precision milled audio conduits for speakers and microphone, so that voice assistants and intercoms work reliably.

Thanks to the intuitive launcher, apps that are not required can be hidden away or removed from sight, the screen background is customisable, and icons can even directly control devices, like lights, without the need to open an app or even leave the home screen. This is how flow7 provides a clear, uncluttered user experience.
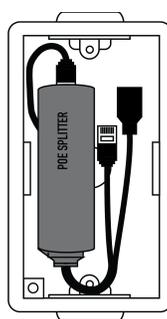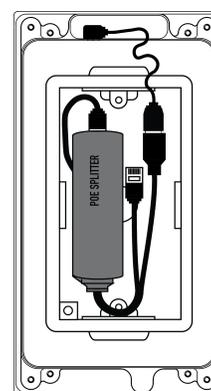
Installation

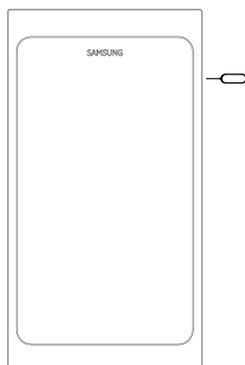**1.** Mount the wall plate level, using suitable fixings for the wall.

2. Install the power components (PoE kit shown in this diagram)

3. Connect the USB cable for the flow frame and carefully align it to the wall plate until the magnets snap it into place
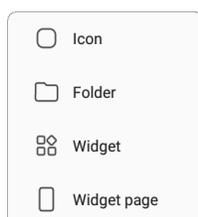
Setup

1. Insert a SIM eject tool or paperclip for > 3s into the power button hole in the flow7 TAB frame. The tablet will startup with its SmartLauncher. The main screen will not yet have any icons; you need to configure flow7 with the applications and shortcuts you want to use.

2. Swipe from the left edge of the screen right. You will see categorised folders to store infrequently used applications and shortcuts.

Use the shopping basket icon to access the Google Play Store. From here you can install the apps. for the products you wish to control

3. To create icons, folders and widgets on the home screen, touch and hold an area in the lower part of the screen. The customisation menu appears where you can change theme, homepage items and add shortcuts. Press the **+** icon to add a shortcut, which can either be to an app or a direct HTTP command (for example recall a light scene, start a radio station). More detailed application instructions are available from the support pages on **www.flow7.co.uk**

Specifications

	flow7 TAB A 7.0	flow7 TAB A 10.1
Dimensions (WxHxD)	117mm x 218mm x 11.5mm	167mm x 288mm x 11.5mm
Front Glass (WxHxD)	104mm x 182mm	150 x 250mm
Display Dimension	7.0" (177.7 mm)	10.1" (255.4mm)
Display Resolution	1280 x 800 ~216PPI	1920 x 1200 ~224PPI
Colour	Fine-anodised matt black (other finishes available to special order)	
Power Function	Recessed power button (Paperclip/SIM tool) Wakelock Management (manages display sleep, optional)	
UX Features (not available in frame-only kits)	SmartLauncher 5.0 with App Drawers HTTP Launcher for direct device icon control	
Power options	Class 0 or Class 3 AF PoE (from PoE Switch or injector) Mains Adapter Renewable energy (Solar PV, Turbine etc. with a suitable charge controller)	
CPU Speed/Type	1.3GHz Quad Core	1.6GHz Octa-Core
Wireless Networking	WiFi® 802.11 b/g/n Bluetooth 4.0	WiFi® 802.11 a/b/g/n/ac 2.4G+5GHz, VHT80 Bluetooth 4.2
Wired Networking	n/a flow7 micro access point kit with power splitter (optional)	flow7 OTG Charge 10/100 kit (optional)
Storage/Memory	1.5GB RAM 8GB ROM 4.3GB Available Memory Expandable by optional SD (up to 200GB)	2GB RAM 32GB ROM 24.8GB Available Memory Expandable by optional SD (up to 200GB)