



## Introduction

DemoPad Centro 8M is a Control Processor giving a high performing control solution that, along with the Centro C and CM, works seamlessly with iOS and Android app along with web browser support on any device in a small form factor. The 8M also allows true automation, set timed events - for example, turn the lights on at sunset, except on weekends, programmable Audio/Video output for media playback, store system information centrally, available to all clients and use a standard IR remote control for user-defined system functions like your set-top box remote to switch video source and control your Blu-ray player.

Cloud based deployment with QR code project downloads means less time on the road to make changes. Tweak the GUI on the train, change commands from your office, save projects to the cloud. DemoPad is always there for you.

DemoPad Centro control system enables the end-user to connect their smartphone, tablet or laptop themselves. With simple project QR code scanning for one-touch activation of room controls to get set-up in seconds.

## Key Features

- 2-way feedback for IP and RS-232 devices – can give feedback to the user via a slider for volume or input on a matrix
- Remote management of projects – make changes for a customer and update via the app settings, download a new project with the scan of a QR code
- Completely customisable GUI. You choose the graphics you want.
- Timed events - For example, turn the lights on at sunset, except on weekends
- Use the digital input to trigger events from a PIR, automatically turn on and off lights if alarm system is set or unset
- Use global Cache database IR codes saved as a .txt file
- Programmable Audio/Video output for media playback
- Easily built control macros
- Relays to control projector screens etc.
- 3rd party control of devices
- Store system information centrally, available to all clients
- No device limit for IP devices
- Free Application

## In the Box

- 1x CENTRO-8M Control Processor
- 1x 5V DC 2.5A Power Supply
- 3x IR Emitter
- 1x IR Receiver
- 1x Installation Leaflet

# Specifications

<b>Communication and Control</b>	
<b>IR</b>	3x IR TX: 3.5mm (1/8in) TS Mono
<b>RS-232</b>	2x RS-232: 9-pin DB9 Female
<b>Relay and Triggers</b>	4x high voltage contact closure relay outputs   8x volt-free digital inputs
<b>Ethernet</b>	1x LAN: 8-pin RJ-45 Female
<b>Wireless Connectivity</b>	2.4Ghz and 5Ghz IEEE 802.11.b/g/n/ac wireless LAN   Bluetooth 4.2
<b>Clock</b>	Real time clock (astrologically aware)
<b>Processor</b>	Broadcom BCM2837B0, Cortex-A53 64Bit SoC @1.4GHz
<b>Memory</b>	1GB LPDDR2 SDRAM
<b>Others</b>	4x USB 2.0 A   1x 3.5mm Stereo Jack audio out   1x HDMI Output
<b>Power</b>	
<b>Power Supply</b>	5V DC 2.5A
<b>Max Power Consumption</b>	12.5W
<b>Environmental</b>	
<b>Operating Temperature</b>	0 to + 45°C (32 to + 113 °F), 10% to 90%, non-condensing
<b>Storage Temperature</b>	-20 to +70°C (-4 to + 158 °F), 10% to 90%, non-condensing
<b>Maximum BTU</b>	42.65 BTU/h
<b>Dimensions and Weight</b>	
<b>Rack Units/Wall Box</b>	<1U
<b>Height</b>	280mm/11.02in
<b>Width</b>	910mm/35.8in
<b>Depth</b>	600mm/23.6in
<b>Weight</b>	0.19kg/0.43lbs
<b>Regulatory</b>	
<b>Safety and Emission</b>	CE   FCC   RoHS