BMPRO
RVMASTER

BMPRO

Installed in over 200K RVs in the last decade

An industry pioneer of digital platforms in RVs

One of the world’s largest installed smart management systems

Independent integrator of RV products

Product made in Melbourne, Australia

Office in Indiana, USA

Office in Elkhart

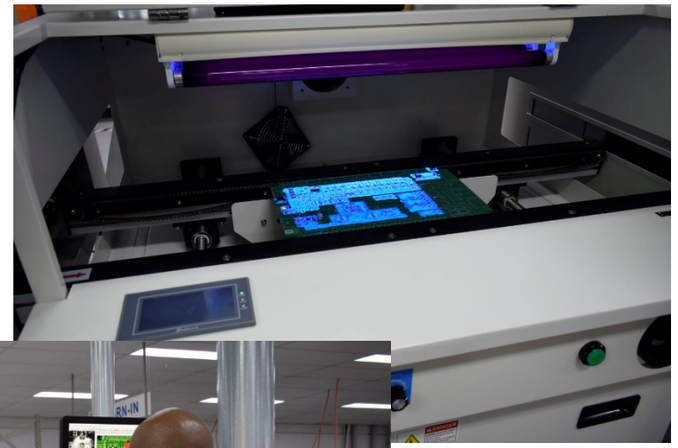
Local support

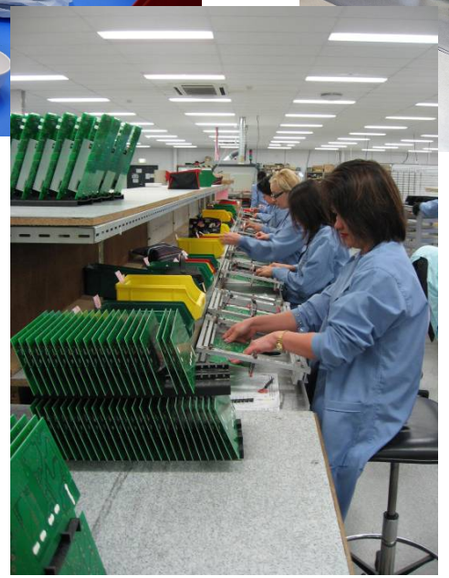
Local delivery

Local warehouse

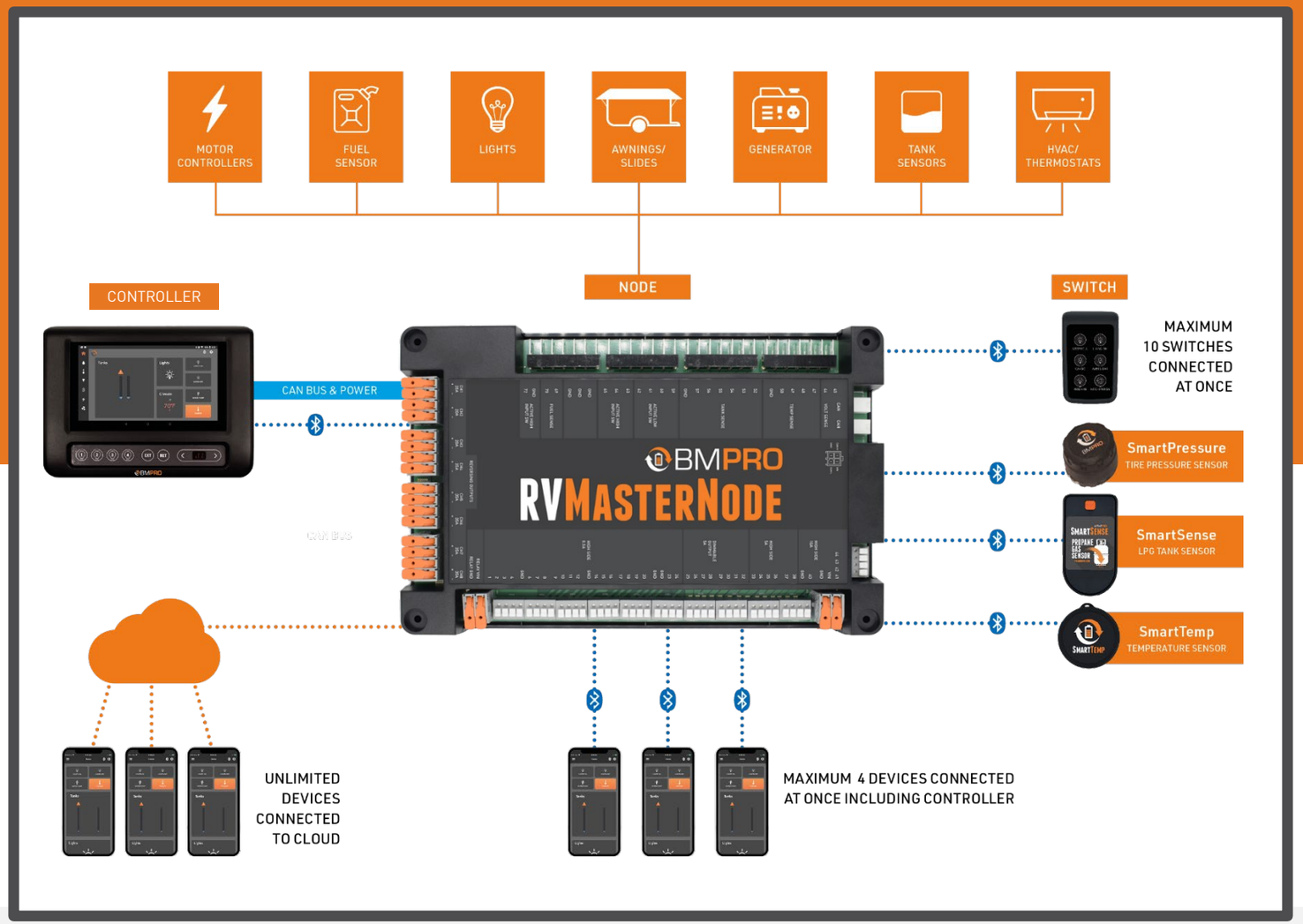
Local supply chain support

Head Office and Manufacturing Facilities in Melbourne, AUS





What is RVMaster?



Fixed Screen and App Control

7 Inch Fixed Tablet with Integrated RV-C Hardwired Switches

- Motorised Controls
- Lighting Zones

Bluetooth Connection to Tablet and Phone App (max 4 connections)

RV Remote Control via BMPRO Cloud – Unlimited devices

RVMaster App Configurable to Models and Floor Plans

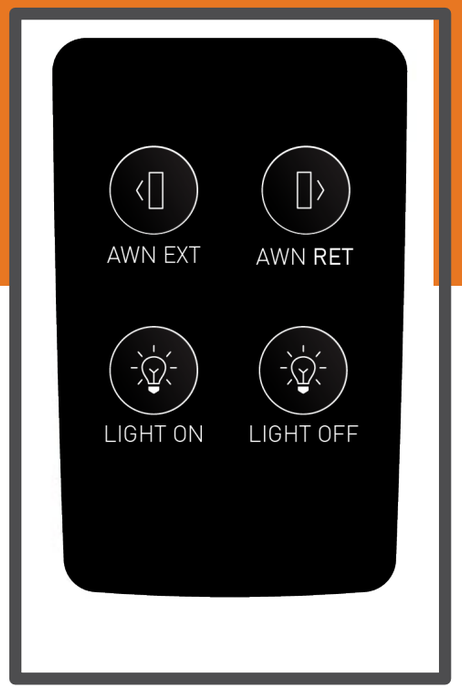
Alternative LCD Fixed Screen Option

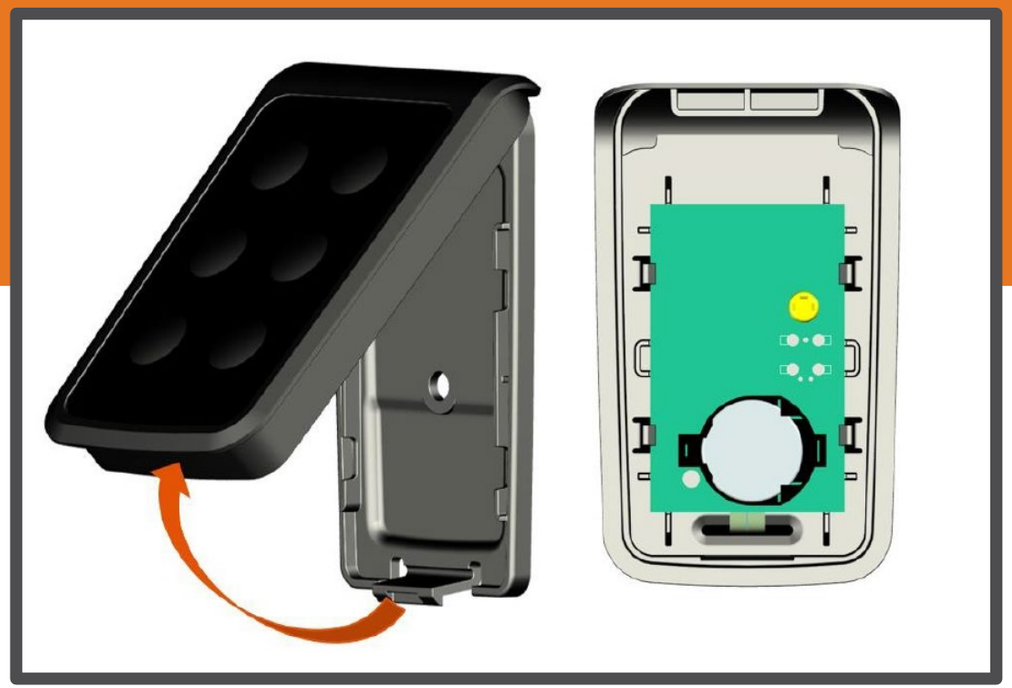
Display

Controller

Wall Switches

Wireless and Battery Powered
Bluetooth Operated
Control any function within system including motor controls, lights, pumps etc
Maximum 10 Switches
Easy to replace CR battery





SmartConnect

Connect and monitor multiple Bluetooth sensors

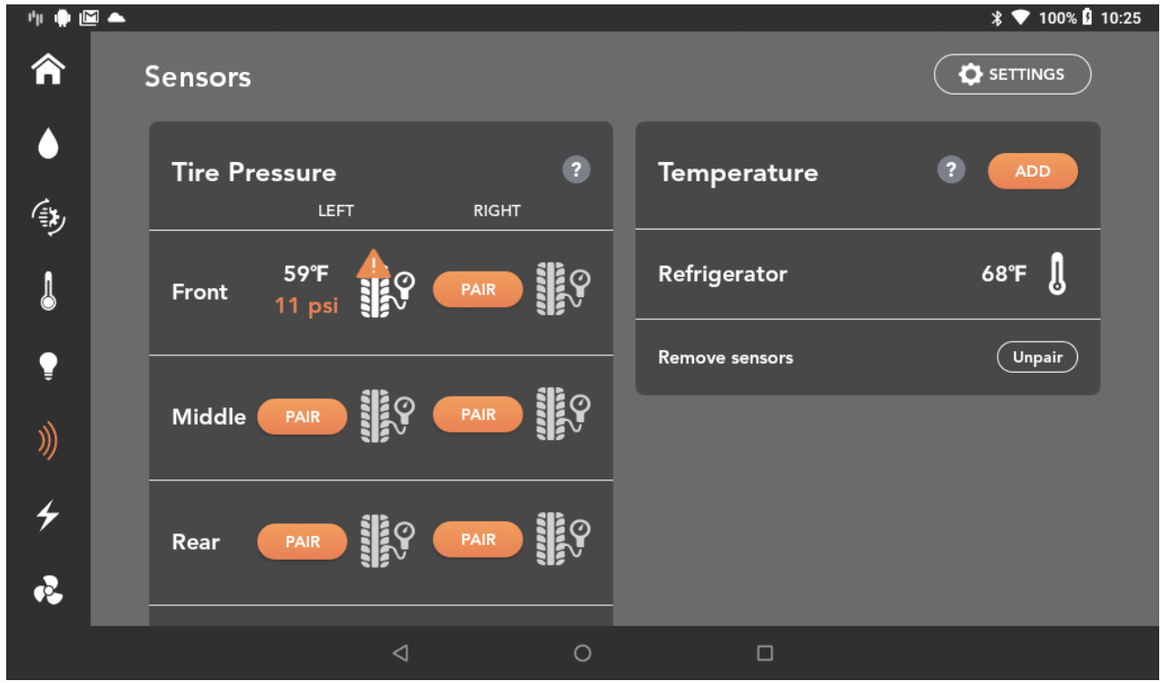
SMARTCONNECT RANGE

SmartSecure
Open/Close Sensor

SmartPressure
Tire Pressure Sensor

SmartTemp
Temperature Sensor

SmartSense
LPG Tank Sensor

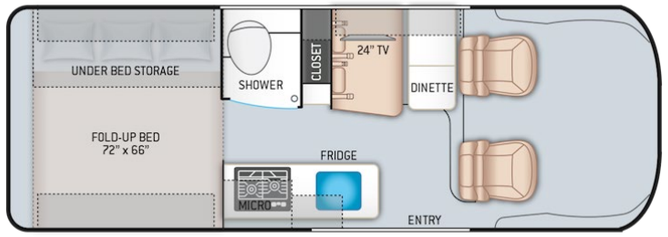


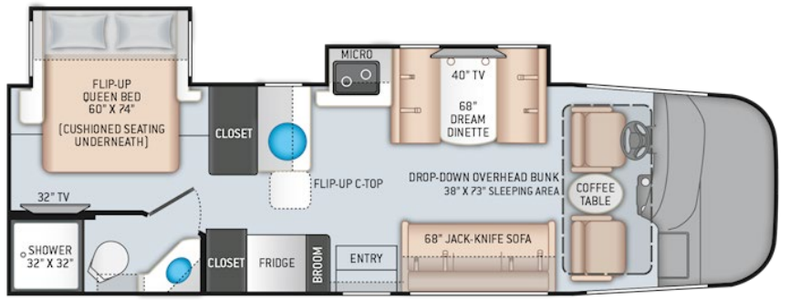
Model and Floor Plan Configuration

Model and Floor Plan Configuration loaded into App

Model and Floor Plan selection on Manufacturing Line

App configured based on Floor plan





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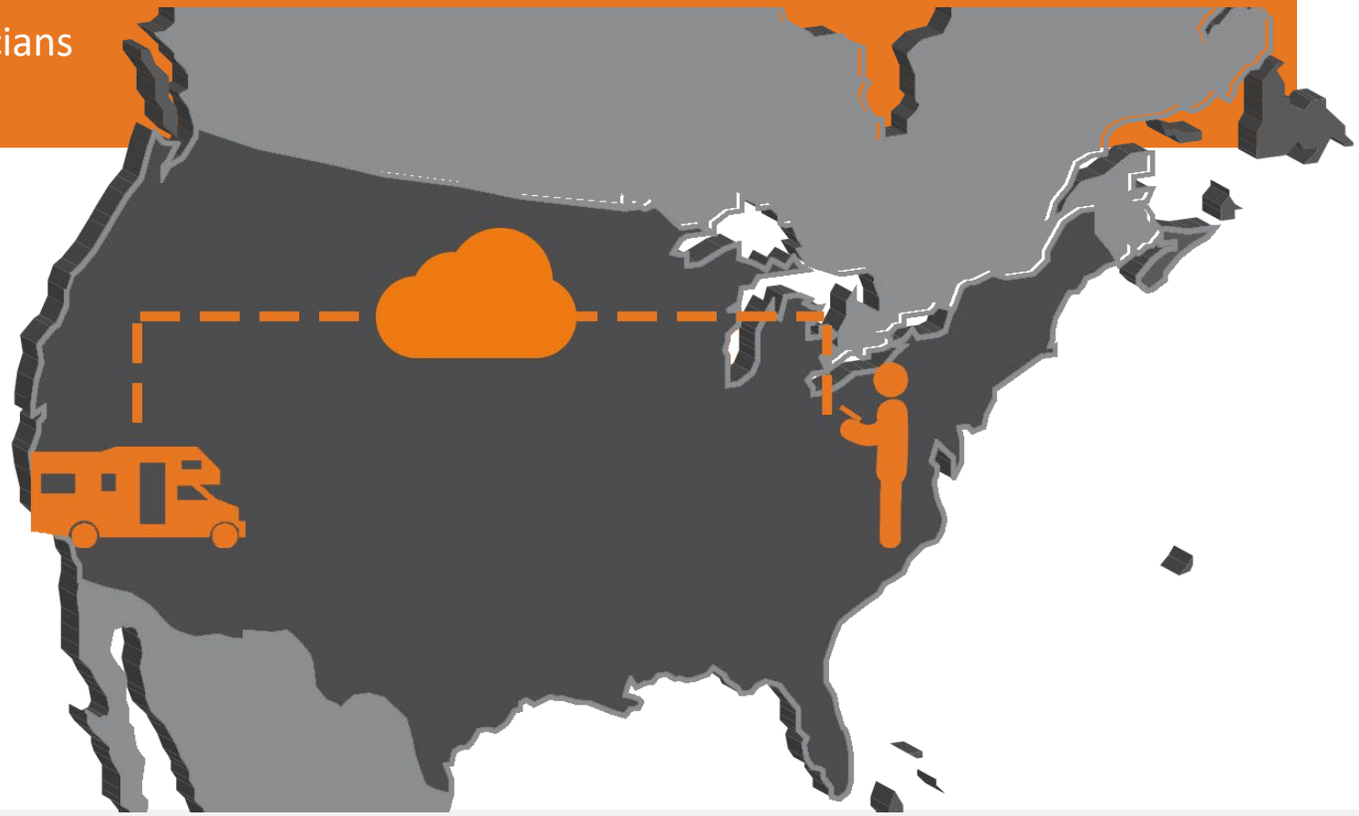
Remote Control and Cloud

Remote Control of RV via BMPRO Cloud (Motor Drivers lock-out)

Future Data Collection Opportunities on usage

Future Diagnostic Opportunities for field technicians

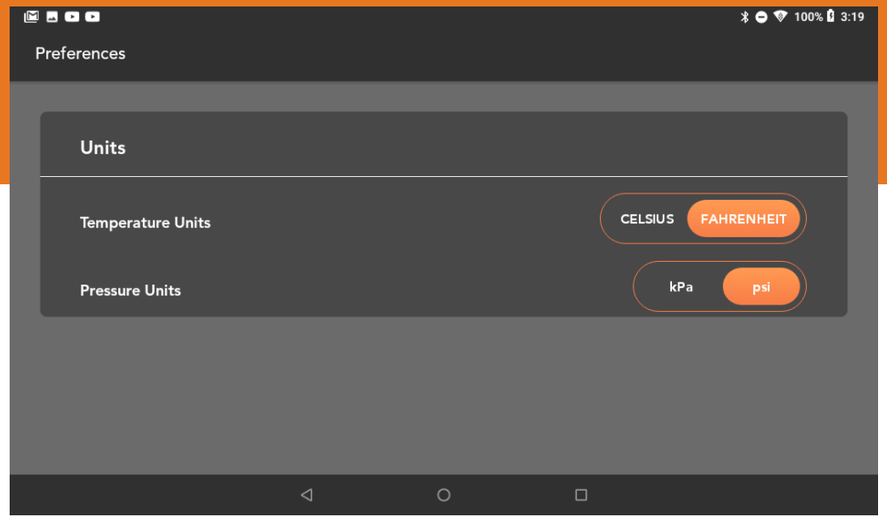


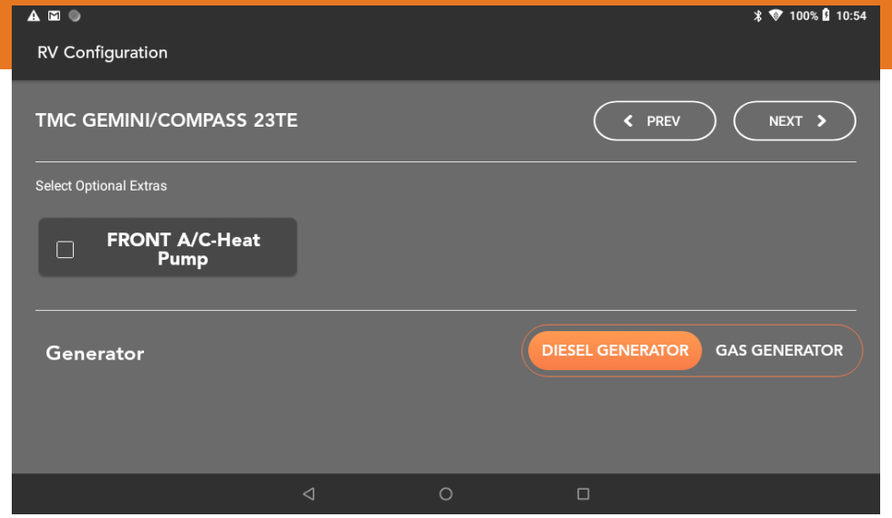
Settings and Diagnostics

Floor Plan Configuration

Temperature Selection

Diagnostics Reporting





Software Upgrades over Cloud

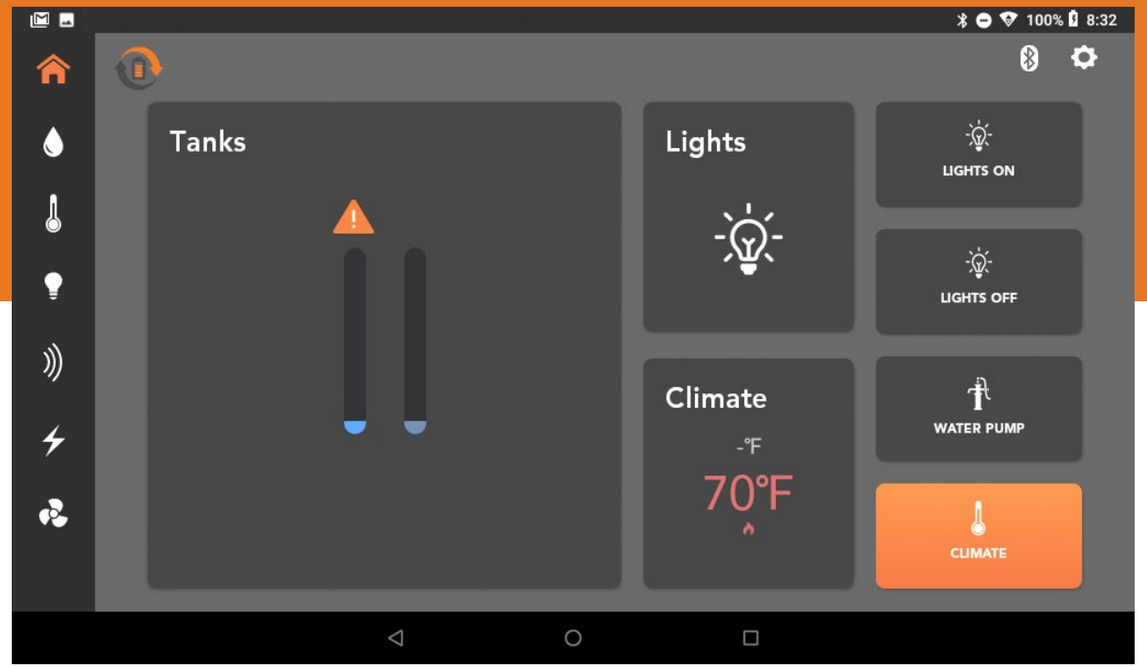
App Updates through App Stores for Controller and BYOD

Firmware/Software Updates to RVMaster Node via App Update

Gives flexibility of updates to systems in field for improvements and additional functionality

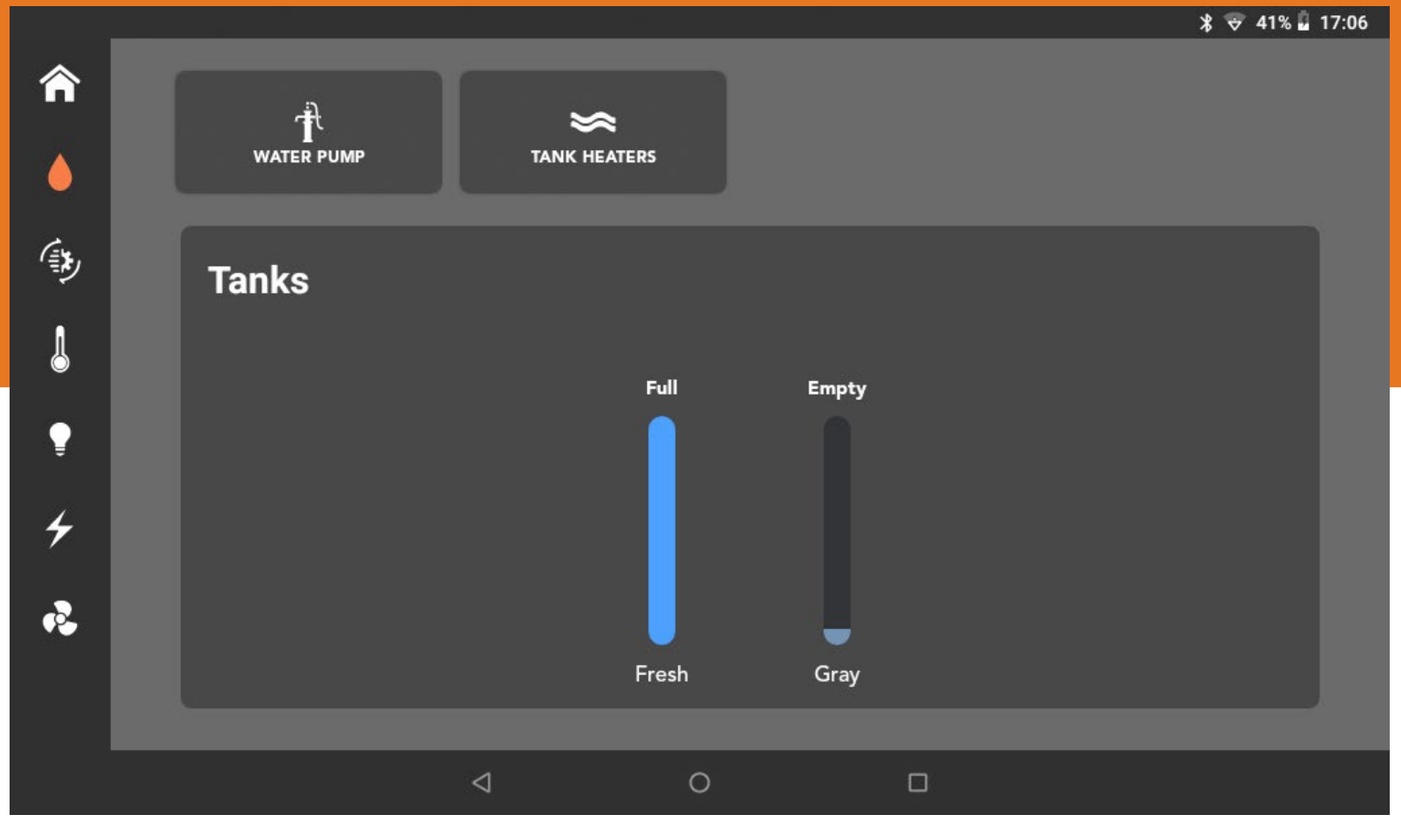
Dashboard Screen

Dashboard Screen configured to your most important items



Water

Configurable up to 6 tanks

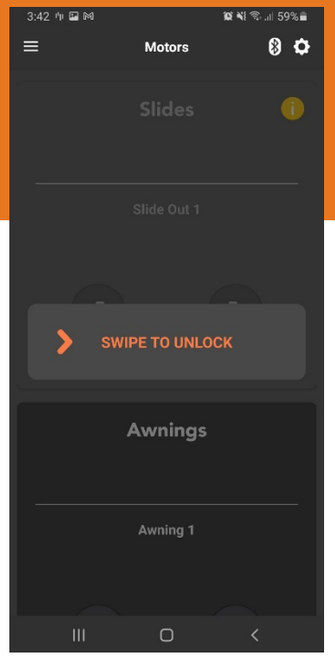


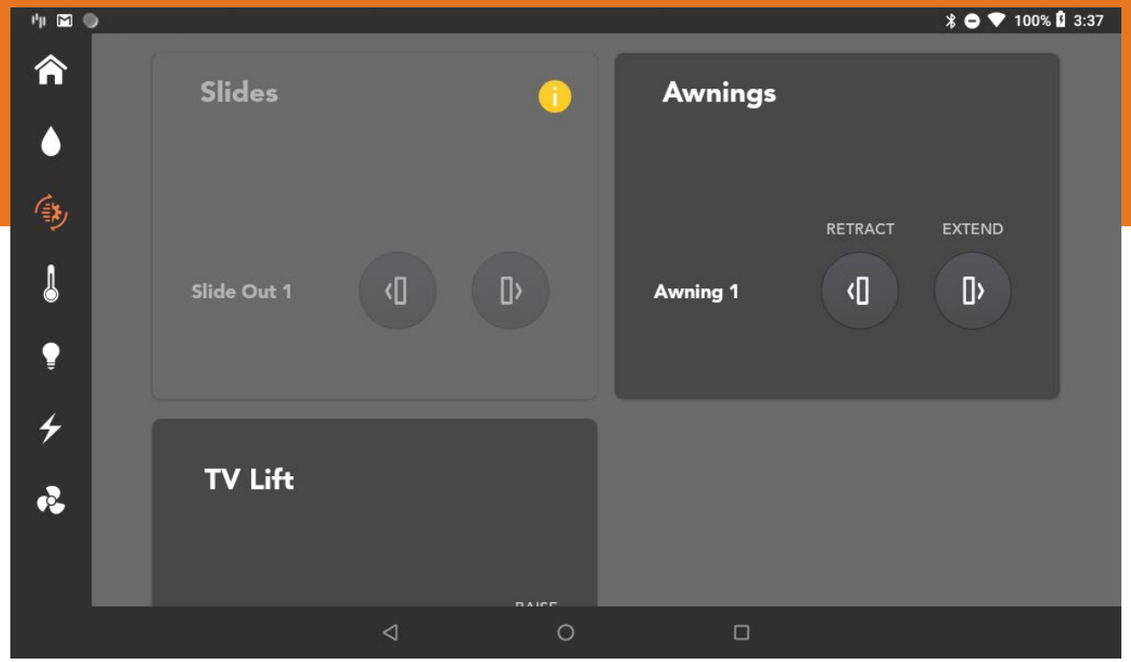
Motors and Leveling

Integration with 3rd party – Lippert and Equalizer leveling systems

Up to 8 motor controllers

Lock out and Safety Functions





Climate

Adjust temperature, mode and fan speed

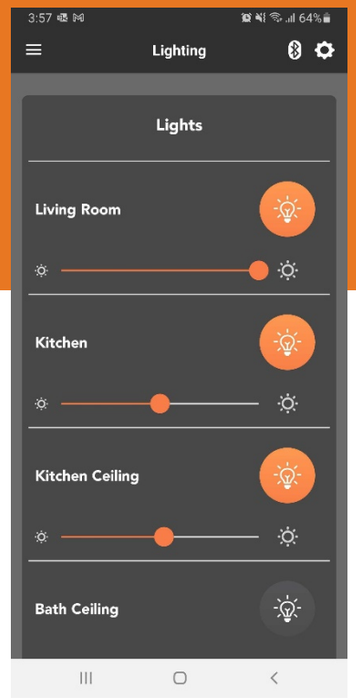
Removes separate remote control

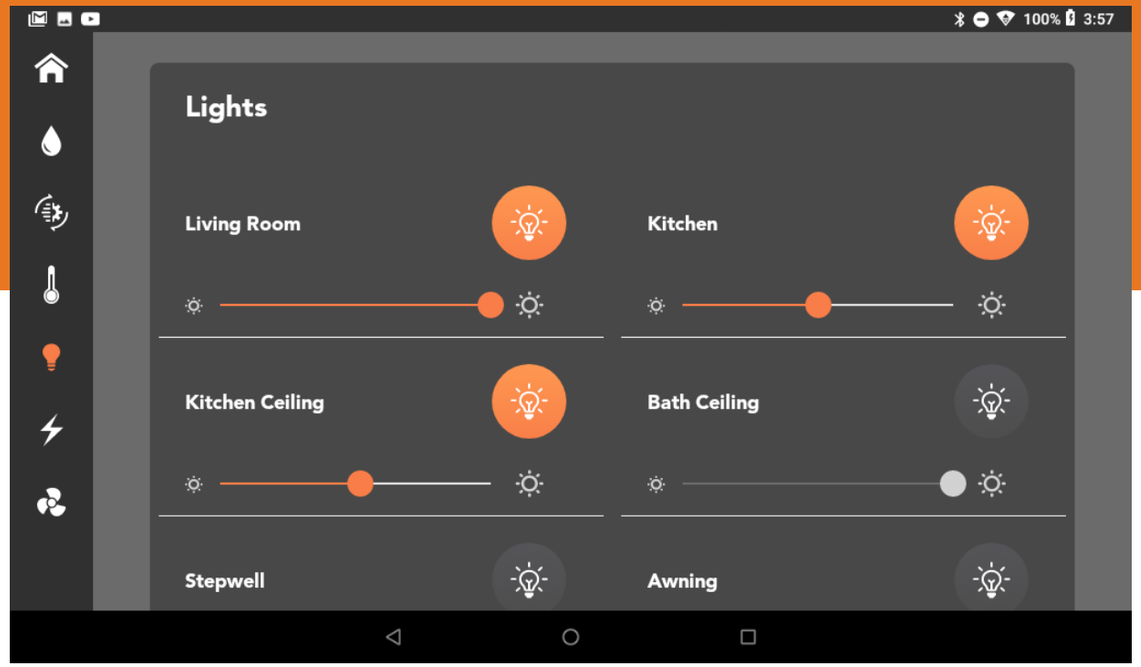
Lights

Multiple lighting configurations

Zoned lighting options

Dimmable lighting options

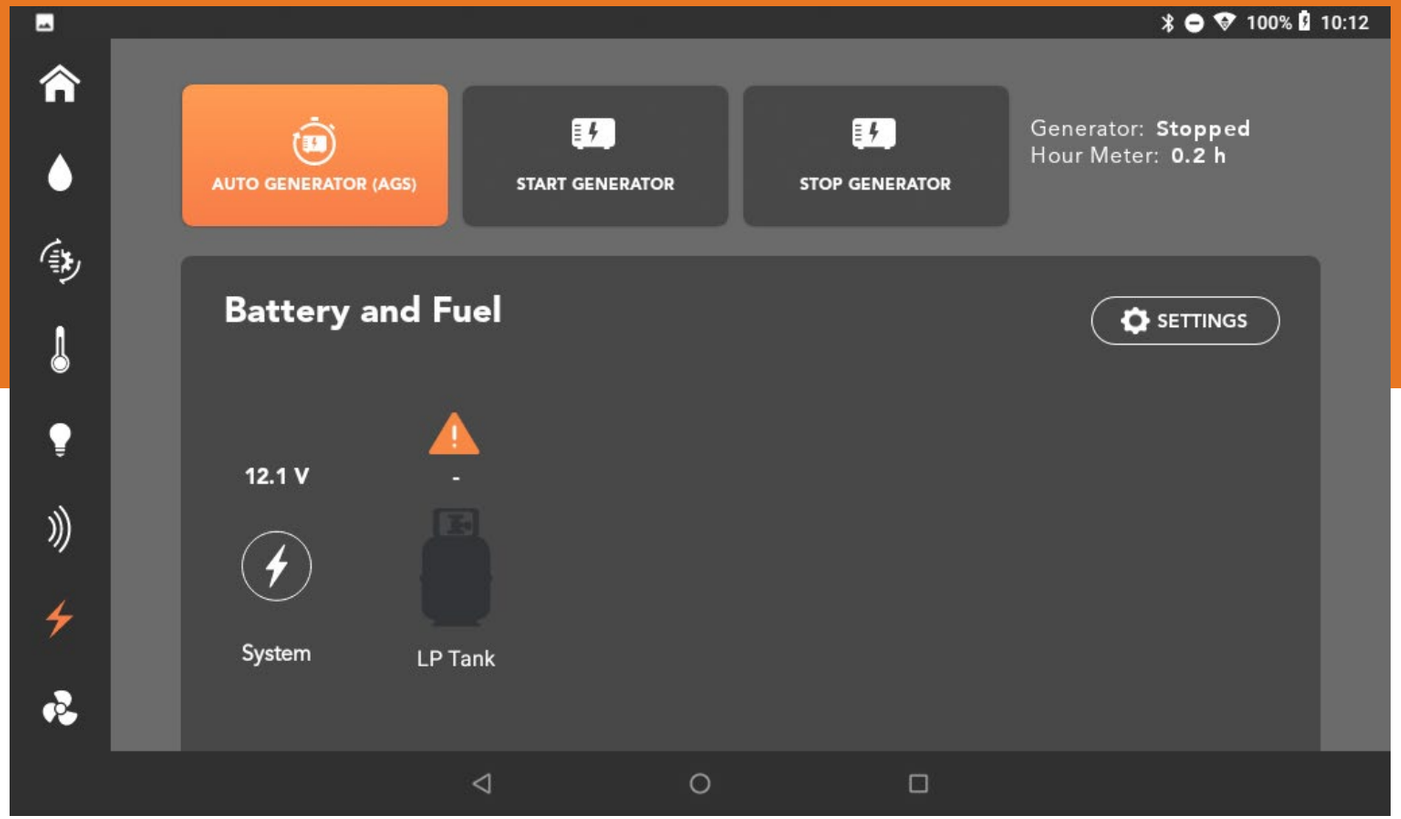




Energy Center

Monitor batteries and propane gas

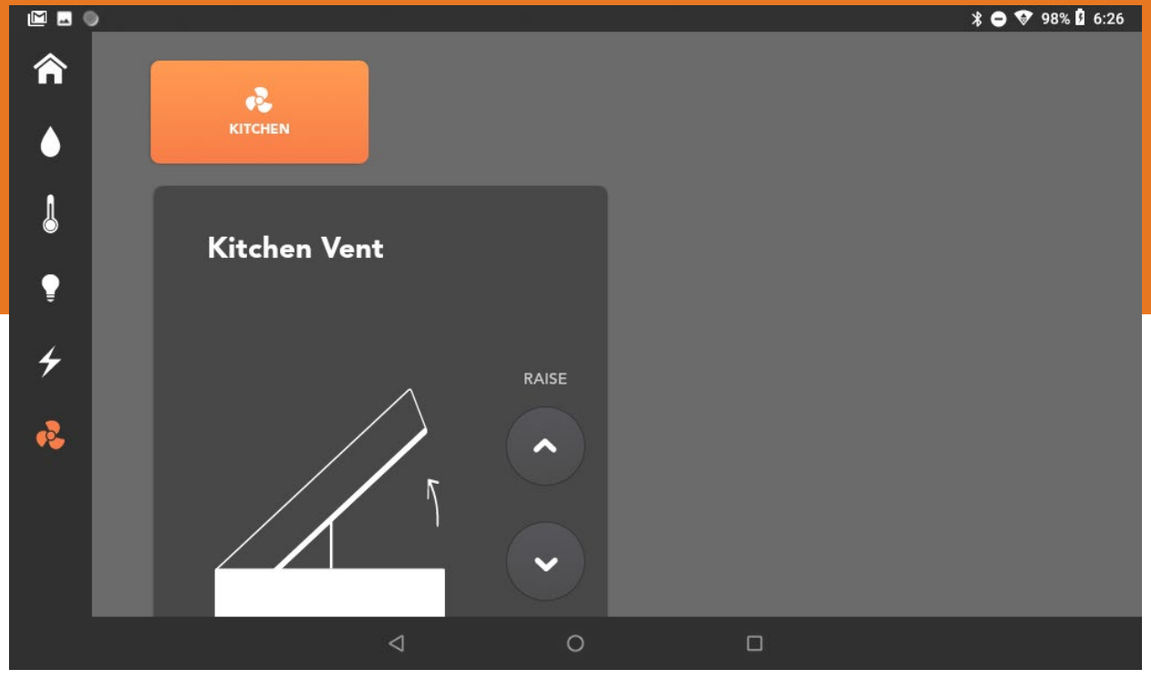
Various generator settings available, including Auto Generator Start (AGS)



Fans

Manage multiple fans

Open / close vents



Node

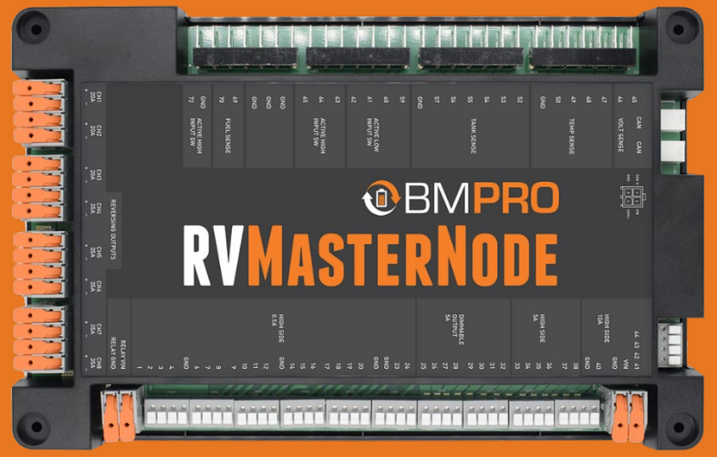
Brain of RVMaster system

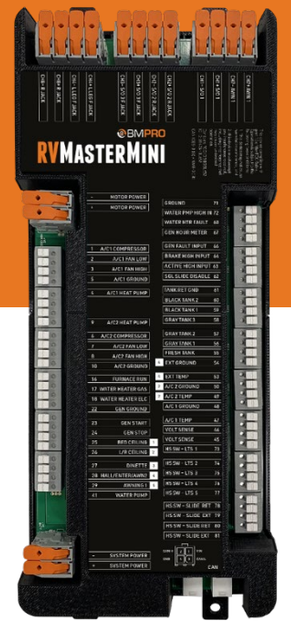
Software updatable over air

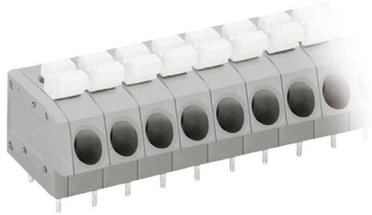
Bluetooth and RV-C

Inputs and outputs configured to your requirements

Wago – push insert connectors for outputs and H-bridge drivers







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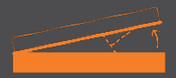
Output Summary – Node Size Dependant

35A H-Bridge – 5 & 20A H-Bridge - 3

SLIDEOUT DIRECT X 3

AWNING X 3



BEDLIFT

LANDING JACKS

GARAGE RAMP/ DOOR

10A High Side Drivers – 2

WATER TANK HEATER

WATER PUMP

5A Dimmable High Side Drivers – 14

LIGHTS DIMMABLE

FANS

0.5A Low Side Drivers – 2

GENERATOR ON/OFF

0.5A High Side Drivers – 18

GAS WATER HEATER

ELECTRIC WATER HEATER

INVERTER

GAS FURNACE

GAS FRIDGE

HVAC X3 COMPRESSOR FAN HIGH FAN LOW HEAT PUMP

ELECTRIC HEATER

SLIDEOUT CONTROLLER EXT

SLIDEOUT CONTROLLER RET

Input Summary – Node Size Dependant

Analogue Inputs – 12

WATER TANKS X6

TEMP INTERNAL x 3

TEMP EXTERNAL

FUEL TANK X2

BATTERY VOLTAGE X 2

Switched Inputs – 7

GENERATOR HOUR METER

WATER HEATER FAULT

IGNITION

SLIDEOUT LOCKOUT

GENERATOR FAULT

FUEL STATION FAULT

Bluetooth

Monitoring of Beacon Sensor

Connection to Displays

RV-C

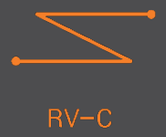
Interface to Appliances via CAN

Backup Switches Control via CAN

Integrated Auto Level

Integrated Solar Controller

Other Integrations in development

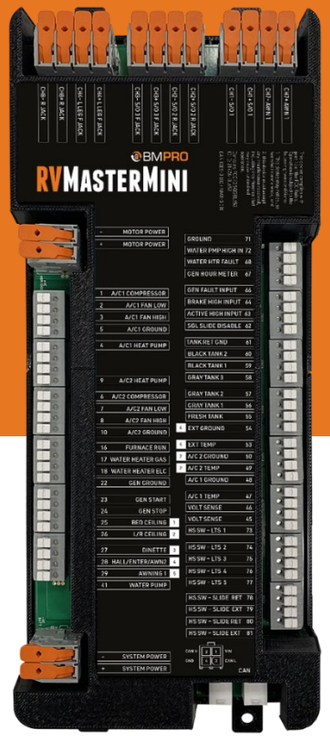


New Node and Basic Display

Small Node with less I/O

Basic Display via RV-C

BYOD Phone App



AUSTRALIAN MADE®

Why RVMaster

Designed specifically for USA RV Market

Ability to customize to your requirements

Expandable via RV-C and Bluetooth

RV-C Redundancy Control

BLE Wall Switches

BLE Sensors – TPMS, Propane, Temp and others

Flexible and scalable – easy for customers to evolve their system as new options become available

Geared for the future – simply update the App

Independent to equipment supplier

Console integrated override redundancy switches

Confidence in design and manufacturing quality

Why RVers love RVMaster

Smart home technology in their RV

Information at their fingertips via console or App

Freedom to control multiple functions via one screen

Intuitive and user-friendly interface

Customers can add to their system with accessories from their dealer

Why BMPRO

BMPRO’s core business is RV Management and Control Systems

BMPRO’s engineering to your engineering engagement

BMPRO’s dedicated investment in the USA RV Market

BMPRO’s highly reliable products designed for harsh conditions

BMPRO’s 50 years of experience in OEM power and switching solutions

BMPRO’s experience in the Australia market with over 80% of all RV’s have BMPRO on board

BMPRO listens to RVers and collaborates with you to deliver cost-effective and user-friendly solutions which will sharpen your competitive edge.

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