



X U A n

Model : STACK Box

An Apps Driven IoT Hub (Gateway)

Compatible Technologies, Devices and Services

XUAN

It is created so your technology is easy to use and your devices work together.

Today user experience is painful because technology makes things complex. The truth is that all our devices speak in different languages. This confusion leads to arguments and dissatisfaction adding unnecessary stress.

It is expandable and doesn't need new hardware to support new services and devices. We aim to support and inter-connect most known smart devices.



Model : STACK Box



Specifications

Built-in 802.11n WiFi

Frequency : 2.4GHz-2.484GHz

Sensitivity : 54/135M:-72dBm@10%PER,

11M:-85dBm@8%PER,

6M:-88dBm@10%PER,

1M:-90dBm@8%PER

RF Transmission Power : 135M:15dBm,

54M:15dBm,

11M:19dBm

Raspberry Pi Bus

Ethernet Port

SD Card Slot

5 x USB2.0 ports

2 x Optocoupler In and Out

Connections

XBee Bus

RS-232

WPS



Technology Enabling Modules (Optional)

Bluetooth LE 4.0

Frequency : 2.402GHz-2.480GHz

Sensitivity : -86dBm@0.1%

RF Transmission Power : +6dBm (Type II)

Z-Wave Plus

Frequency : 868.42 MHz

Sensitivity : -103dBm@9.6kbps

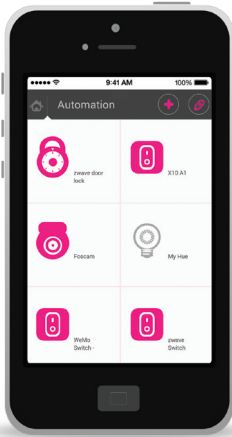
RF Transmission Power : +4dBm

Insteon

X10

IR

Supported Platform



* iOS 6 or above



* Android 4.2 or above

Supported Apps



Apps Market (Default)

The XUAN Apps Market includes apps developed by Cloud Media and other third-party developers. The apps expand features and services provided by the Automation app and the underlying open developer SDK.



Setup (Default)

Setup consists of a setup wizard to get your XUAN Box running quickly, and also allows users to change advanced system settings.



Automation (Default)

Even made life easier and hassle free, Automation allow user to automate your smart devices under certain conditions.



Device Manager

Device management made easy. It's allow user to discover, add and control smart device under your fingertips.

Supported Services

Social Media

Twitter
Email

Server

UPnP/DLNA
Developer Portal
Apps Market
Remote Access

Weather

OpenWeatherMap

Other

Text To Speech
Event Scheduler



Made for Developers

We are Open Source and welcome the creative communities of 3rd-party developers, makers, designers and enthusiasts to take part in creating new applications.

<http://developer.thexuan.com>

Supported Devices



Lighting

Yeelight

Blue RGB LED Bulbs (Bluetooth 4.0)

Philip

Hue LED Bulbs (WiFi)
Hue Lux Bulbs (WiFi)

Lifx

LED Light Bulb (WiFi)

All Compatible Z-Wave

Lamps (Z-Wave)

Supported Devices



Energy Control or Monitoring

Belkin

WeMo Switch (WiFi)

WeMo Insight Switch (WiFi)

INSTEON

Dimmer Modules (Insteon)

Lamp Modules (Insteon)

On/Off Modules (Insteon)

Smarthome

Wall Switches (X10)

Dimmer Switches (X10)

Lamp Modules (X10)

Appliance Modules (X10)

Broadlink

e-Plug SP2 Smart Switch (WiFi)

GE/Intermatic/AEOTEC/Leviton

Smart Energy Switches (Z-Wave)

Plugin Appliances Modules (Z-Wave)

Plugin Dimming Modules (Z-Wave)

Plugin Lamp Switches (Z-Wave)

Wall Switches (Z-Wave)

Wall Dimmer Switches (Z-Wave)

Power Meter (Z-Wave)

All Compatible Z-Wave

Smart Energy Switches (Z-Wave)

Plugin Appliances Modules (Z-Wave)

Plugin Dimming Modules (Z-Wave)

Plugin Lamp Switches (Z-Wave)

Wall Switches (Z-Wave)

Wall Dimmer Switches (Z-Wave)

Power Meter (Z-Wave)



Audio, Video and Display Panel

Sonos

Speakers (WiFi / Ethernet)

Foscam

HD IP Camera with 2-Ways Audio (WiFi / Ethernet)

Pioneer

Speakers (WiFi / Ethernet)

Sony

Speakers (WiFi / Ethernet)

Pure Jongo

Speakers (Bluetooth / WiFi)

Popcorn Hour

(WiFi / Ethernet)

All Compatible Bluetooth

Speakers (Bluetooth)

All Compatible UPnP/DLNA

WiFi Speakers (WiFi)

Media Players (WiFi)



Industrial Modules

All Compatible FTDI Modules (Serial)

All Compatible Opto-couple Modules

(Opto-couple)

All Compatible Raspberry Pi Bus
Modules (SPI / UART / I2C / GPIOs)

* Developer Only

Supported Devices



Security and Sensor

Belkin

WeMo Motion Sensor (WiFi)

Smarthome

Motion Sensors (x10)

Powerhorn (x10)

Door & Windows Contact Sensors (x10)

AEOTEC

Doors and Windows Sensors (Z-Wave)

Multi-Sensors (Z-Wave)

Intertek

Smoke Detector (Z-Wave)

Foscam

HD IP Camera with 2-Ways Audio (WiFi / Ethernet)

Yale

Locks (Z-Wave)

Kwikset

Locks (Z-Wave)

Schlage

Locks (Z-Wave)

DCMoto

Automatic Gate (DCLink)

All Compatible Z-Wave

Locks (Z-Wave)

Motion Detectors and Sensors (Z-Wave)

Doors and Windows Sensors (Z-Wave)

Sirens (Z-Wave)

Air and Temperature Sensors (Z-Wave)

Multi-Sensors (Z-Wave)



Climate Control

Vivint

Thermostats (Z-Wave)

All Compatible Z-Wave

Thermostats (Z-Wave)



Universal IR Remote Control

Harmony Home Hub (IR)

Broadlink

e-Remote RM2 (WiFi)



Tracker

tinyFinder (Bluetooth LE 4.0)

All Compatible Trackers (Bluetooth LE 4.0)



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Find out more

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DISCLAIMER:

- (a) Changes may be made during the development, and information and specifications are subject to change without notice.
- (b) The information contained herein is believed to be correct but is not guaranteed.
- (c) This brochure/technical specification is a guide only and does not constitute an offer or contract.