xped
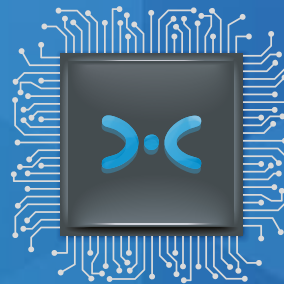
Xped specialises in developing Internet of Things technology solutions for consumer, commercial, industrial and healthcare markets.

Xped has leveraged this expertise to develop a complete IoT ecosystem for the smart home. We have developed a flexible solution that is adaptable based on region, demographic and price sensitivity. We can package a solution or just provide specific pieces of the solution.

We have an inhouse development team that can provide bespoke solutions and white labelling. We are able to provide low entry cost 'no gateway' options through to advanced all-in-one super gateway solutions. We support industry-standard communications technologies as well as our own ADRC communications protocol technology.

xped

MAKING TECHNOLOGY
EASY AGAIN

WE ARE MAKING
TECHNOLOGY EASY AGAIN

•••

Introducing the Xped App. To intelligently control the Smart Home you need a Smart App. A beautiful user interface combined with advanced programming to provide a great user experience.

The Xped App. One simple to use App to connect, control and monitor the Smart Home.

Download on the
 App Store

GET IT ON
Google Play

INDOOR CAMERA

SMART LIGHT

TELEVISION

GLOBES

PLUGS

THERMOSTAT

Smart Home Gateway

The Smart Home Gateway is the brain that makes it possible to automate, monitor and control your home from anywhere in the world. It has a wide range of connectivity options making it compatible with thousands of devices from hundreds of manufacturers.

Together with the Xped App, you can easily create rules to automate your home. For example, turning on the lights when someone enters a room. You can also create scenes that enable several devices to be controlled together with the click of a button.

WIFI DEVICES

BLUETOOTH DEVICES

Z-WAVE DEVICES

ADRC DEVICES

FEATURES

Simple setup

Out of home control

Power monitoring

Automation via Scenes and Rules

WiFi & Bluetooth support

Z-Wave device support

ADRC device support

COMPATIBLE DEVICES

Cameras

Lighting

Environment Sensors

Motion Sensors

Door Locks & Bells

Plugs

Switches

Xped Lighting

RGBW Globe

PREMIUM

Our range of smart RGBW globes with up to 16 million colours available, allows for complete control of colour, brightness and warmth of your lighting.

Z-WAVE

Power	9W
Voltage	110V-240V
Colour	RGB (16M Colour Pallete)
Features	Hue / Dimming
Comm Types	Z-Wave
Geography	US, EU, AU, MY standards

Smart Strip Lighting

PREMIUM

Our smart strip lighting is easy to install and allows for complete control of colour, brightness and warmth that can change the mood or visual appeal in any room.

Z-WAVE

Power	72W
Voltage	110V-240V
Colour	RGBW
Features	Hue / Dimming
Comm Types	Z-Wave
Geography	US, EU, AU, MY standards

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MAKING TECHNOLOGY
EASY AGAIN

Xped Lighting

Philips Hue
White & Color

Hue is your personal wireless lighting solution that lets you control your lighting and create the right ambiance for any situation.

WIFI

Power	10W
Colour	RGBW (16M Colour Palette)
Features	Hue / Dimming / Whites
Comm Types	Hue Bridge – WiFi
Geography	Worldwide

Hue
Downlight

Hue downlights are perfect for lighting large areas of your home in style.

WIFI

Power	6.5W
Colour	RGBW (16M Colour Palette)
Features	Hue / Dimming / Whites
Comm Types	Hue Bridge – WiFi
Geography	Worldwide

TEMP/HUMIDITY SENSOR

GAS SENSOR

WATER LEAK SENSOR

Xped Power

Single Switch

Our relay switch is installed behind mechanical light switches or power outlets to enable App control functionality.

Z-WAVE

Power	120 - 230 VAC
Rated Output	15A
No of Relays	1
Dimensions	40x44x20mm
Geography	US, EU, AU, MY standards
Installation	Licensed electrician

Dual Switch

Our dual relay switch is installed behind mechanical light switches to enable App control functionality.

Z-WAVE

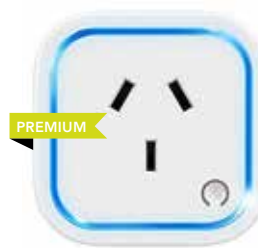| Power	120 - 230 VAC
Rated Output	10A (5A per switch)
No of Relays	2
Dimensions	40x44x20mm
Geography	US, EU, AU, MY standards
Installation	Licensed electrician

Xped Power

Smart Plug

Our smart plug turns wall outlets into a smart-app controlled outlet. It can be used to control simple appliances such as fans, lamps and many other things.

Z-WAVE

Power	110V - 240VAC
Consumption	<0.5W
Load Power	< 3000W
USB Power	5V @ 1000 mA
Dimensions	77x65x42mm
Comm Types	Z-Wave
Geography	US, EU, AU, MY standards

Smart Plug

PREMIUM

Our premium smart plug turns wall outlets into smart app controlled outlets. It can measure the power used by the connected appliance and has a colour-changing LED ring.

Z-WAVE

Power	110V - 240VAC
Consumption	<0.5W
Load Power	< 2500W
USB Power	5V @ 1000 mA
Dimensions	52x52x35mm
Comm Types	Z-Wave
Geography	US, EU, AU, MY standards

xped

MULTI SENSOR

SMART BULBS

PANIC BUTTON

Xped Security

Contact Sensor (Door / Window)

Our Premium Contact Sensor can be used to detect when any door or window is open or closed. It features our unique tap on-boarding to add to your system in a matter of seconds.

ADRC

Power	3V Lithium Coin Cell CR2450
Consumption	5μA Average
Features	Low battery warning, tamper detection
Battery Life	5-10 years
Dimensions	52x32x20mm
Comm Types	ADRC subgHz
Geography	AU, SG, MY, US

PREMIUM

Contact Sensor (Door / Window)

Our compact design can be mounted on any door or window frame so it can monitor the opening and closing of doors or windows.

Z-WAVE

Power	2 x AAA Batteries
Consumption	Standby ≤ 5μA , Op ≤35mA
Read Switch Trigger	>20mm
Features	Low Battery Notification
Dimensions	60x30x12.5mm and 60x13x15.5mm
Comm Types	Z-Wave
Geography	US, EU, AU, MY standards

Xped Security

Indoor Siren

Our Smart Siren works in conjunction with our range of sensors to provide both audible and visual alerting.

Z-WAVE

Power	110 - 240 VAC
Backup	4 hours with internal battery
Alarm	Up to 95dB
Strobe	4 flashes per second
Dimensions	82x40mm
Comm Types	Z-Wave
Geography	US, EU, AU, MY standards

Panic Button

PREMIUM

Our Smart Panic Button can be used to trigger a range of events including audible and visual siren as well as notifications through the App.

ADRC

Power	3V (CR2032 Coin Battery)
Dimensions	50x33x15mm
Comm Types	ADRC
Geography	AU, SG, MY, US

Xped Security

Motion Sensor

Our Smart Motion Sensor detects any motion or movement within a room and is designed to be attached at any location in any room of your home.

Z-WAVE

Power	DC 3V (CR2450 Coin Battery)
Consumption	Standby ≤ 15µA , Op ≤36mA
Detect Angle	110°
Detect Range	9-12m
Features	Low Battery Notification
Dimensions	65x65x28mm
Comm Types	Z-Wave
Geography	US, EU, AU, MY standards

Door Lock

The Yale Smart Door Lock can be accessed either via a PIN code, access card or App, whilst providing a high-quality secure locking mechanism.

Z-WAVE

Power	DC 6V (4*1.5V AA Batteries)
Consumption	Standby ≤ 5µA , Op ≤35mA
User Interface	Access Code, Access Card, Key, App
Features	Low Battery Notification
Comm Types	Z-Wave
Geography	US, EU, AU, MY, CN standards

Xped Security

Pan / Tilt Indoor Camera

Through the Xped App, our Pan & Tilt Camera allows you to physically move the camera to provide a better view of specific areas of your room in real-time.

WIFI   AUDIO   NIGHT

Resolution	720P
Visual Angle	85°-90°
Day/Night Mode	IR-cut Auto ICR
Video Compression	H.264
Audio Comm	Supports 2-way Audio
Power Supply	5V
Storage	SD Card 64GB
IR LED distance	5-8M
Comm Types	WiFi (802.11b)
Geography	Worldwide

3 in 1 Camera

Our Smart 3 in 1 Camera can provide a good quality image in both daylight and up to a 20m distance at night whilst supporting 2-way audio communication.

WIFI   AUDIO   NIGHT

Resolution	720P or 1080P
Visual Angle	85°-90°
Day/Night Mode	IR-cut Auto ICR
Video Compression	H.264
Audio Comm	Supports 2-way Audio
Power Supply	12V
Storage	SD Card 64GB
IR LED distance	15-20M
Comm Types	WiFi (IEEE802.11b/g/n)
Geography	Worldwide

Xped Security

Netatmo Welcome

The Welcome is a full-featured home security indoor camera that provides advanced features including: night vision, facial recognition and notification of audible alarms.

WIFI   **NIGHT**

Video sensor	4MP
Resolution	Up to 1920 x 1080
Visual Angle	130°
Storage	Micro SD card up to 32 GB
Comm Types	WiFi, Ethernet
Geography	Worldwide

Netatmo Presence

The Presence is a full-featured home security outdoor camera that provides advanced features including 12 W LED floodlight, night vision, alerts zones and object recognition.

WIFI   **NIGHT**

Video sensor	4MP
Resolution	Up to 1920 x 1080
Visual Angle	100°
Storage	Micro SD card up to 32 GB
Comm Types	WiFi
Geography	Worldwide

Xped Security

Multi Sensor

Our multi-sensor takes the place of 6 individual sensors making it suitable for a multitude of applications including security and HVAC control.

Z-WAVE

Power	2xCR123A or USB
Battery Life	Up to 2 years
Motion Range	5m field 120 degrees
Temperature	-10C to +50C
Light	0 to 2000 Lumens
Humidity	0 to 100%
Vibration	Used for tamper detection
Dimensions	45x45x38mm
Geography	US, EU, AU, MY, CN standards

Multi Sensor

COMING SOON

PREMIUM

Our Premium Multi Sensor is able to detect motion, temperature, humidity and ambient light. This makes it perfect for switching on lights when someone enters the room, controlling HVAC and opening curtains and blinds.

ADRC

Power	3V Lithium Coin Cell CR2450
Consumption	5 uA average
Features	Low battery warning, tamper detection
Battery Life	3-5 years
Dimensions	52x32x20mm
Comm Type	ADRC subgHz
Geography	AU, SG, MY, USA

SMOKE DETECTOR

MULTI SENSOR

SMART BULBS

GAS SENSOR

WATER LEAK SENSOR

Xped Environmental

Gas Sensor

With an inbuilt–speaker to provide an audible alert, our Smart Gas Sensor detect the concentration of natural gas in the air.

Z-WAVE

Power	AC 100V-240V
Consumption	≤ 1.5W
Alarm	75dB @ 1M
Density	6% LEL ±3% LEL Natural Gas
Dimensions	79x68x45.5mm
Comm Types	Z-Wave
Geography	US, EU, AU, MY standards

Temperature / Humidity Sensor

Designed with low power consumption technology, our Smart Sensor provide accurate measurements of both temperature and humidity.

Z-WAVE

Power	3V (CR2450 Coin Battery)
Consumption	Standby ≤ 10µA
Operating Ambient	Temp: -10°C-50°C Humidity: ≤ 95%
Dimensions	60x60x20.8mm
Comm Types	Z-Wave
Geography	US, EU, AU, MY standards

Xped Environmental

CO Sensor

Our Smart CO sensor can detect the concentration of Carbon Monoxide in the air and includes an-inbuilt speaker to provide an audible alert.

Z-WAVE

Power	3V (CR123A Lithium Battery)
Consumption	Standby ≤ 10µA
Alarm Current	≤ 60mA
Alarm	85dB @ 3M
Dimensions	60x60x49.2mm
Comm Types	Z-Wave
Geography	US, EU, AU, MY standards

Smoke Detector

Our Smart Smoke Detector is easy to install, battery-operated, requires no electrical wiring and includes an in-built speaker for audible alarming.

Z-WAVE

Power	3V (CR123A Lithium Battery)
Consumption	Standby ≤ 20µA
Alarm Current	≤ 60mA
Alarm	85dB @ 3M
Dimensions	60x60x49.2mm
Comm Types	Z-Wave
Geography	US, EU, AU, MY standards

Xped Environmental

Moisture / Leak Sensor

Perfect for detecting leaks and bursts in pipes, floods and overflows. This device also includes a temperature sensor which make it useful for the management of HVAC and underfloor heating.

Z-WAVE

Power	CR123A battery
Battery Life	< 2.5 years
Sensors	Water, vibration and temperature
Temperature	-20C to +100C
Consumption	Standby ≤ 5µA
Alarm Current	≤ 30mA
Siren	60db built-in siren
Dimensions	38x84x24mm
Comm Types	Z-Wave
Geography	US, EU, AU, MY standards

Moisture / Leak Sensor

Perfect for detecting leaks and bursts in pipes, floods and overflows. This device also includes a temperature sensor which make it useful for the management of HVAC and underfloor heating.

Z-WAVE

Power	CR123A battery
Battery Life	< 2.5 years
Sensors	Water, vibration and temperature
Temperature	-20C to +100C
Consumption	Standby ≤ 5µA
Alarm Current	≤ 30mA
Dimensions	38x84x24mm
Comm Types	Z-Wave
Geography	US, EU, AU, MY standards

SMOKE DETECTOR

SIREN

SECURITY CAMERA

MULTI SENSOR

DOOR SENSOR

DOOR LOCK

PANIC BUTTON

Xped Infrared

IR Blaster

Perfect for controlling AV equipment such as TVs, Blu-rays, set top boxes and HVAC equipment including air conditioners. Equipment can be controlled via smart phone app and gateway scenes that command several devices at once.

BLE

IR Range	Up to 15m line of sight
IR Dispersion	360o
Database	Over 200,000 device codes
Power	Micro USB 5v adapter
Consumption	≤ 50mW
Dimensions	65x52x18mm
Comm Types	Bluetooth LE
Geography	Worldwide

IR Blaster

PREMIUM

The Logitech Harmony Hub has all the capabilities of the standard device but has a learning feature that allows you to add the codes for infrared equipment you own by recording them from the original remote controls.

WIFI

IR Range	Up to 15m line of sight
IR Dispersion	360o
Database	Over 200,000 device codes
Power	Micro USB 5v adapter
Consumption	≤ 1W
Dimensions	114x109x36mm
Comm Types	WiFi
Geography	Worldwide

Flexible and Interoperable.

Xped's Physical Gateway solution has existing compatibility with a large range of consumer products from the following brands. Xped will continue to add more device compatibility to meet evolving consumer demands.

COMPATIBLE BRANDS*

Aeotec	Logitech
Amazon	Nest
Fibaro	Netatmo
Honeywell	Philips
Lockwood	Yale

* Note: Our solution does not support all smart products from these brands. A full list of exact products is available upon request.

NETATMO WELCOME

PHILIPS HUE

COMING SOON

NEST THERMOSTAT

COMING SOON

AMAZON ECHO DOT

Create your own branded smart home solution with Xped's white label IoT platform.

Xped's turnkey solution offers partners a complete smart home solution to sell to your customers. We provide a complete IoT platform with all of the components required to tailor a solution to meet your customers requirements. Contact Xped today to find out more.
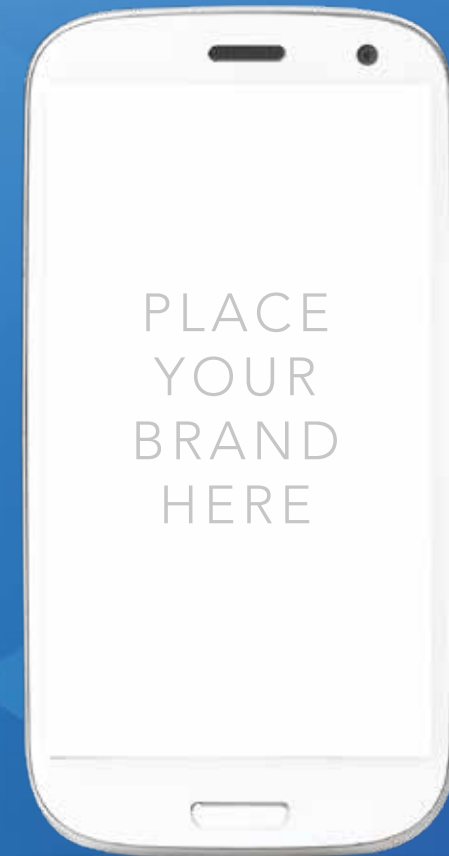
BENEFITS

Simple licensing program

Low entry cost

Competitive licensing costs

Custom-branded solution

Expanding functionality

Flexible product range

PLACE YOUR BRAND HERE

Xped is a technology and solutions provider that is focused on IoT infrastructure with solutions for Smart Home, Professional Health and Smart Buildings.

DEVICE DISCOVERY

Device discovery, provisioning and interoperability

DEVICE BROWSER

Device browser that delivers command and control to the end user

DEVICE DESCRIPTION

Device description language based on XML

GATEWAY SOFTWARE

Business logic, rules engine, notifications, device management solutions

CLOUD SERVICES

Device and Subscriber Management, OTA Updates, Virtual Gateway, API and Services Orchestration, In-App Communication and Advertising (Xerts), Data Analytics Framework

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