

Smart Home System Requirements

A PIXIE smart home solution shall be installed according to the control and integration requirements for this project.

The PIXIE wireless automation system consists of a range of Bluetooth™ Mesh enabled devices, which when combined with the PIXIE App on mobile and /or tablet devices provide direct control, group control, scene control and scheduled control scenarios.

These PIXIE hardware devices are installed using standard electrical wiring practices, without the need for wired connection between devices to create automation scenarios, mobile device control, remote access when not at home and integration with 3rd party devices and systems as detailed herein.

Smart 'mechs' and smart modules all communicate to each other using Bluetooth™ mesh. PIXIE Gen1, Gen2 and Gen3 smart mechs and modules are backwards compatible.

Unless specifically excluded in project documentation a minimum of one PIXIE gateway SGW3BTAM shall be installed and connected to the home network via an Ethernet cabled connection.

Unless specifically excluded in project documentation a minimum of one PIXIE Touch Panel STP54BTAS shall be installed and connected to the home network via a Cat6 POE connection.

A maximum of 8 PIXIE Touch panels shall be installed per PIXIE gateway provided.

All PIXIE Touch Panels and all PIXIE Gateways installed in the home shall reside on the same subnet IP of the home network.

System Commissioning

The PIXIE automation system is setup using the PIXIE mobile apps available for free on both iOS and Android platforms.

This operates on both mobile devices and tablets.

The contractor, where requested shall provide commissioning services as part of the installation offer and will include:

- **Device discovery** - identify and locate all installed PIXIE device, including naming of each device.
- **Rooms Creation** - Create the necessary rooms where PIXIE is installed and assign discovered devices into each of the Rooms for intuitive control and navigation for the client.

- **Groups** - Create the requested control groups and name them for intuitive broad system control
- **Scene** - Create the requested control scenes and name them for intuitive broad system control
- **Schedules** - Create the requested control schedules and name them for intuitive broad system control
- **Programs** - Create the requested logic programs and name them for intuitive broad system control
- **System Integration** - Ensure that the nominated 3rd party system which are identified as being integrated are operating with the PIXIE solution as expected, including any voice assistants specified.
- **Test** control of each individual item, group, scene and schedule prior to Transferring Ownership to the client.

PIXIE Smart Mechs

PIXIE Smart mechs are a range of dimmers, switches, timers and system controllers designed to be installed using standard electrical cabling in Australian homes.

PIXIE smart mechs are available in both Master device type and Secondary device types.

- Master devices are load controllers, physically connected to the lighting (and other electrical appliances) under control.
- Secondary devices are system messaging mechs used to provide multiway control and scene capabilities.

Homes will have a combination of these smart mechs to create a smart home system.

All smart mechs used shall be G3 (Gen3) or above.

These mechs are designed to fit into a range of Australian wall plates. The contractor shall confirm if and how PIXIE fits into the selected wall plate range.

These smart mechs have interchangeable switch-caps, which shall be fitted by the contractor to accommodate the selected wall plate design elements.

PIXIE Smart Modules

PIXIE smart modules are available in both Master device type and Secondary device types.

These devices are physically similar to light drivers and come in different variants like load controllers, input devices and output devices.

PIXIE smart modules come in both Master device type and Secondary device types.

- Master devices are load controllers, physically connected to the lighting (and other electrical appliances) under control.
- Secondary devices are system messaging devices used to provide input and output capabilities to the PIXIE home automation solution.

Homes will have a combination of these smart modules and smart devices to create a smart home system.

These modules shall be installed in electrical safe conditions and locations as they are not designed to be installed into wall plates.

These mounting locations shall be marked on as-built drawings by the electrician.

Mesh Operation

PIXIE communication is via the Bluetooth™ mesh network to provide control, meaning each PIXIE Master device acts as a Bluetooth™ Mesh transceiver, replaying the system messages between all devices, ensuring that all devices in the home receive all of the messages transmitted to perform home automation functions.

The more PIXIE devices distributed throughout the home the better the mesh network performs.

The maximum distance between PIXIE devices shall be no more than 10-15 metres. This depends on build materials and architecture and this range will be diminished by concrete, steel, glass and other building materials.

Where this maximum distance is exceeded and / or should intermittent or unreliable operation be experienced, the installation of a PIXIE mesh booster SGB3BTAM between the problematic areas shall be made by the contractor, until robust wireless operation is delivered.

System Dimensions, Gateways and Touch Panels

There shall be a maximum of no more than 128 PIXIE Master devices installed in a single PIXIE Network.

This 128 device limitation does not include PIXIE Secondary devices, only PIXIE Master devices from both the smart mechs and smart module variants.

A PIXIE Network can represent a single installation, and when a PIXIE Gateways is used, no more than 128 devices per PIXIE Gateway.

Gateways

In this way if a home requires more than 128 PIXIE Master devices, the installation of additional PIXIE Gateway/s shall be required to provide control scope for the project.

These Gateways are treated as separate “homes” in the PIXIE App and can be swapped between homes for control using the App.

Gateways are connected to a power source via the included AC adaptor and connected to the home network either via WiFi using 2.4Ghz only, or via a wired ethernet connection. Whenever possible an Ethernet connection shall be prioritised as the preferred connection method.

PIXIE Touch Panels

With the addition of one or more PIXIE Touch Panels, all PIXIE Gateways in the home can be controlled from one or more of these PIXIE Touch Panels, meaning all PIXIE devices across all Gateways can be controlled via the Touch Panel/s.

Where more than one Gateway is required and whole home control is also required, one or more PIXIE Touch panels shall be installed.

No more than 8 PIXIE Touch Panels can be connected to a single PIXIE Gateway. If more than 8 Touch Panels are required in a home then, additional PIXIE Gateways shall be added in the ratio of gateway to touch panels of 1:8.

Irrespective of the number of PIXIE master devices less than 128, if more than 8 touch panels are required then this gateway to touch panel ratio shall be deployed.

All PIXIE Touch Panels and all PIXIE Gateways installed in the home shall reside on the same subnet IP of the home network for this cross network operation capability.

It is not possible to control 2 separate PIXIE Networks / gateways / homes (an interchangeable term for the PIXIE ecosystem) simultaneously from a single button (hardware or software), other than the PIXIE touch panel hardware buttons.

Refer to the Appendix for Master and Secondary device allocation

Mesh Boosters

PIXIE Bluetooth™ mesh boosters may be needed with this design to ensure robust operation of the PIXIE mesh network.

The PIXIE mesh booster part# is: SGB3BTAS

Mesh Boosters are classed as a PIXIE Secondary device type and do not add to the maximum number of PIXIE Master devices permitted in a PIXIE Mesh Network.

These are in-field devices, much like WAPs (Wireless Access Points) for WiFi but are specifically made for extending the range and reliability of the PIXIE Bluetooth™ Mesh network throughout the home.

Installing PIXIE Mesh Boosters

In multi-storey homes a minimum of one (1) PIXIE Bluetooth™ mesh booster shall be installed on each level, typically near or as close as practically possible to the stairs between floors to maximise Bluetooth™ radio signal transmission distance.

In large homes where levels may have multiple stair locations, one Mesh Booster shall be mounted at each stair location.

In large single storey homes, Mesh Booster shall be mounted to ensure wings of the home have optimal mesh network conditions.

These shall be mounted discreetly, typically near a smoke detector location, in the ceiling space, with a hard Active. During the final setup stage, these devices will be added into the PIXIE apps, and no further configuration is required.

These mounting locations shall be marked on as-built drawings by the electrician.

Lighting Control

PIXIE provides the ability for dimming and switching of a wide range of lighting technologies, using a combination of smart mechs and smart modules.

The contractor shall determine the appropriate PIXIE lighting control mech and / or module for the specified lighting elements and control capability required - dimming & technology type or switching only - in the project.

De-rating

When using PIXIE smart mechs in multi-gang plates (2-gang to 6-gang), irrespective of the variant of PIXIE smart mech or non smart mech also installed on individual wall plates, derating of the maximum operating load of the PIXIE smart mechs is required.

The contractor shall refer to each of the PIXIE smart mech installation manuals for de-rating requirements as these vary for device types and shall ensure that no single mechanism is connected to any load that will exceed its maximum operating load.

Any circuits where loads will exceed the maximum de-rated load shall either be split and additional mechanisms installed for the split part of the circuit or the overloaded PIXIE mechanism installed on a separate wall plate, with calculated de-rating applied, to ensure the maximum rated load is not exceeded.

Load-bypass Capacitor Installation

A load bypass capacitor can be installed in certain circumstances for different device types and site conditions, to ensure reliable system operation.

Capacitors shall never be installed with PIXIE dimmers if no load is connected as this will destroy the PIXIE phase dimmers.

When to install load bypass capacitor for PIXIE switch mechs

Where the load connected to a PIXIE smart switch (SWL600BTAM) or Smart Timer Switch (STS600BTAM) is less than 13W(Watts) the load bypass capacitor shall be installed across the 'load' and 'neutral' wires. This will ensure the relay inside these devices can stay latched when operated.

When to install load bypass capacitor for PIXIE dimmer mechs

With PIXIE phase dimmers, contractors shall first connect the lighting load to be dimmed and ensure that a lighting load is always present when the dimmer is operated and the load bypass capacitor is installed.

These are the 2 scenarios where the capacitor shall be used with the PIXIE phase dimmers to stabilise performance.

- (1) If when the dimmer is turned off, the connected LED lights appear to have a soft or slight glow still, the capacitor shall be installed across 'load' and neutral to eliminate this issue.
- (2) If when dimming a small load such as a single LED downlight or single LED lamp, flickering begins when dimming below a certain level. The capacitor shall be installed across 'load' and neutral which may eliminate this issue.

Only install the capacitor if there is one of these problems above, otherwise it shall not be used.

Inrush Current Limiter

The SAL SICL1235BTP is an inrush current limiter designed to reduce the destructive nature of the inrush current from poor* quality constant voltage LED drivers and drivers with high inrush on electronic components such as the PIXIE smart switches and dimmers.

This device shall be installed to reduce the temporary peak current caused by capacitive loads as set out in the conditions below on all PIXIE smart dimmer and switch mechs being used in these control scenarios below.

- Controlling more than a single constant voltage LED driver for LED strip, garden lights from a single switch
- When using a heated towel rail which has a remote driver and is not 240v direct controlled
- When using multiple “LED GLOBES/LAMPS” to be dimmed together on a single circuit as found in many chandeliers and pendants.

Phase Dimming

PIXIE phase dimmers are trailing edge only dimmers and are compatible with trailing edge drivers and tungsten and halogen drivers only.

The contractor shall use only trailing edge compatible drivers with PIXIE phase dimmers.

The contractor shall not install iron core drivers / ballasts / transformers and must remove any iron core drivers / ballasts present on the electrical cabling connected to PIXIE phase dimmers, in the event of a retrofit project.

Contractors shall ensure the connected lighting loads do not exceed the load capacity of the dimmers, including de-rating requirements.

Switching

PIXIE smart mech switches can be used for switching a wide range of lighting loads - LED downlights, lamps, strips; lighting drivers and other electrical devices within the smart mech load ratings.

Contractors shall ensure the connected lighting loads / other switched load variants (resistive, capacitive, inductive) do not exceed the load capacity of the switches, including de-rating requirements.

These load variant maximum load capabilities and de-rating requirements are detailed in the installation manual for the product.

Switching Larger (Lighting) Loads

When it is necessary to switch larger electrical loads than the maximum rated load of the PIXIE smart switch mech, the contractor shall use the PIXIE Dual Relay Controller (PC206DR/R/BTAM), a smart module with 2 (off) 6Amp (resistive) latching relays.

This device shall be remotely mounted (not at the grid plate location), ideally it shall be installed next to the loads under control where possible - such as in the ceiling space for a bathroom heat lamps application for example.

If the connected load exceeds the maximum load rating of this device's switching channels, the contractor shall use the PIXIE dual relay controller (DRC) to terminate to an appropriately rated contactor / relay by others to operate the device under control.

Contractors shall ensure the connected lighting loads / other switched load variants (resistive, capacitive, inductive) do not exceed the load capacity of the DRC.

When using the DRC to control any load, and where on wall control is also required of these loads, the contractor shall install one or more of the specific PIXIE smart mech - Multifunction Controllers (SMF/BTAS) to operate each relay.

These multifunction controllers shall be paired wirelessly to the DRC during the final setup stage to provide on wall control of these connected loads.

Switching Contactors

The PIXIE DRC shall be used whenever switching 3rd party contactors / relays to control loads larger than the 6Amp rating of the DRC.

The SWL600BTAM PIXIE smart switch shall not be used to operate contactors or other relays.

When using the DRC to control contactors / relays, and where on wall control is also required of these loads, the contractor shall install one or more of the specific PIXIE smart mech - Multifunction Controllers (SMF/BTAS) to operate each relay.

These multifunction controllers shall be paired wirelessly to the DRC during the final setup stage to provide on wall control of these connected loads.

DALI2 Dimming

PIXIE controls DALI2 certified devices using the PIXIE DALI Broadcast controller PC155DLB-R-BTAM. (DBC)

The contractor shall only use DALI2 certified drivers carrying the official DALI2 label and certification.

No more than 20 (twenty) DALI2 drivers can be controlled from a single PIXIE DALI2 Broadcast controller, as it has a maximum DALI line power output of 50mA.

As the DBC provides DALI power supply there shall not be any additional DALI power supply installed on this DALI line. If an existing DALI power supply is connected it must be disconnected otherwise the DBC will not operate correctly.

No DALI2 devices other than drivers (such as DALI2 sensor or switches) shall be connected to the DBC DALI line.

The contractor shall follow all wiring requirements for DALI with respect to cable gauge and distances, noting that DALI has mains potential and that double insulated cabling shall be used for connecting the DALI control signal cabling between devices from the DALI2 controller.

When using the DBC, and where on wall control is also required to dim these DALI2 devices, the contractor shall install one or more of the specific PIXIE smart mechs - Multifunction Controllers (SMF/BTAS) or Multifunction Rotary Controller (SMFR/BTAS), to operate each DBC, or each group of DBC's as defined in the PIXIE App.

These multifunction controllers shall be paired wirelessly to the DBC during the final setup stage to provide on wall control of these DALI2 fixtures.

When using the PIXIE DALI2 broadcast controller all DALI drivers terminated to the DALI output shall operate synchronously. Where individual control is required then a DBC shall be installed per DALI2 driver.

0-10v Dimming

PIXIE controls 0|1-10V drivers using the PIXIE 0-10v controller- PC152V-R-BTAM.

No more than 10 (ten) 0-10v or 1-10v drivers can be controlled from a single PIXIE 0-10v controller.

The contractor shall use the controller's on-board relay, wired as per the wiring diagram in the product installation guide, to isolate power to the fixtures when dimming to off / 0%.

This ensures the controlled lighting will be extinguished when dimming to off.

When using the 0-10v Controller, and where on wall control is also required to dim these devices, the contractor shall install one or more of the specific PIXIE smart mechs - Multifunction Controllers (SMF/BTAS) or Multifunction Rotary Controller (SMFR/BTAS), to operate each 0-10v Controller, or each group of controllers as defined in the PIXIE App.

These multifunction controllers shall be paired wirelessly to the 0-10v Controllers during the final setup stage to provide on wall control of these 0-10v fixtures.

When using the PIXIE 0-10v controller all drivers terminated to the signal output shall operate synchronously.

LED Strip Dimming

PIXIE controls 12v and 24v LED strips in single colour and RGB using one of two discrete LED strip controllers.

When dimming a single colour LED strip in 12v or 24 the PIXIE LT8915DIM/ BT controller shall be used.

When dimming RGB LED strips in 12v or 24 the PIXIE LT8915RGB/BT controller shall be used.

The connection path for both instances is such:

Non dimmable driver → PIXIE LED Strip Controller → LED strip

The NON dimmable driver will require a hard Active, and all lighting dimming and control is delivered via the PIXIE module.

Dimmable drivers shall not be used.

When using the LED Strip Controllers, and where on wall control is also required to dim these devices, the contractor shall install one or more of the specific PIXIE smart mechs - Multifunction Controllers (SMF/BTAS) or Multifunction Rotary Controller (SMFR/BTAS), to operate each 0-10v Controller, or each group of controllers as defined in the PIXIE App.

These multifunction controllers shall be paired wirelessly to the LED Strip Controllers during the final setup stage to provide on wall control.

Contractors shall ensure the connected LED strip loads do not exceed the load capacity of the LED strip controllers.

Controlling Shading Appliances

PIXIE controls all shading and operable window appliances using the PIXIE Blind and Signal controller - PC206BS/R/BTAM.

This includes motorised blinds, curtains, awnings, skylights, louvred windows, sash windows and louvre sun protection devices.

This device (BSC) has 2 x 6Amp relays which can be used to drive 240v motors directly, or used to provide dry contact / volt free signals to interface devices supplied by the motor manufacture, which in turn transmit wireless messages to the motors controlling the shading appliances and window motors.

The contractor shall contact the PIXIE support team with information regarding the motor manufacturer, model number and wiring / cabling on site to receive the correct wiring diagrams and connection information as there are multiple variations.

The contractor can also reference the following documents online for more detailed information regarding connection of various motors.

https://pixiepartners.com.au/wp-content/uploads/2020/11/PIXIE-Blind-and-Signal-Controller-Companion-Documents_dec2020.pdf

<https://pixiepartners.com.au/pixie-blind-and-signal-controller/>.

In general terms the signal path for operation shall be one of these two:

- PIXIE BSC → Motor (controlling 2 Actives)
- PIXIE BSC → Dry Contact / Volt free Interface/ Transmitter (wireless to) → Motor

In all instances a single BSC device shall only control a single motor if being used to drive the motors directly using two Actives.

When using the BSC, and where on wall control is also required to operate these motors, the contractor shall install one or more of the specific PIXIE smart mechs - Multifunction Controllers (SMF/BTAS) or Multifunction Rotary Controller (SMFR/BTAS).

Where open, stop, close operation is required from a single button, the PIXIE Multifunction Rotary dial shall be installed, and the operation of each rotation and press configured in the PIXIE App.

Where open stop close operation is acceptable with more than a single button, 2 or more PIXIE Multifunction controllers shall be installed and the operation of each button press defined in the PIXIE App.

The BSC modules are fully controllable for all open, stop, close functions without on wall control from the PIXIE app, PIXIE Touch panel and schedules.

Controlling Other Devices

PIXIE controls a range of devices beyond lighting using a combination of power control and systems integration processes.

Exhaust Fans

When controlling ceiling-fit exhaust fans the PIXIE STS600BTAM (smart timer switch) shall be used to provide fan-run-on functionality. The final run-on time required will be set via the PIXIE app and determined by the contractor liaising with the client.

When using inline exhaust fans and where the fan motors exceed the maximum operating load of the SWL600BTAM (smart switch) or STS600BTAM (smart timer switch) the contractor shall use the PIXIE Dual Relay Controller - PC206DR/R/BTAM to control these loads instead.

When using the DRC to control exhaust fans, and where on wall control is also required of these loads, the contractor shall install one or more of the specific PIXIE smart mech - Multifunction Controllers (SMF/BTAS) to operate each relay.

These multifunction controllers shall be paired wirelessly to the DRC during the final setup stage to provide on wall control of these connected loads.

When fan run-on is required, and where the DRC is used, this fan run-on will be provided using the PIXIE PROGRAMode function, which requires a PIXIE Gateway (SGW3BTAM) to be installed.

Contractors shall ensure the connected motor loads / other switched load variants (resistive, capacitive, inductive) do not exceed the load capacity of the switches, including de-rating requirements for multi-gang grid plates.

Ceiling Fans

The contractor shall determine if, in addition to a PIXIE control component, a separate isolation switch is required to comply with Australian Standards for each fan. If required this isolation switch shall either be a PIXIE switch (SWL600BTAM) or a standard mechanical rocker mechanism installed according to Australian Standards.

PIXIE controls ceiling fans from specific manufacturers.

These manufacturers include:

- Hunter Pacific International DC V2 range
- Big Ass Fans
- Ventair

Hunter Pacific International (HPI) Ceiling Fan Control

A compatible fan shall be selected from the HPI DC V2 range and the PIXIEM098 module from HPI shall be installed into the fan base controller prior to installation of the fan.

The PIXIEM098 module is a PIXIE Master device and is commissioned in the same manner as all other PIXIE master devices.

When using the PIXIEM098, and where on wall control is also required to operate these fans, the contractor shall install and pair one or more of the specific PIXIE smart mechs - Multifunction Rotary Controller (SMFR/BTAS).

Once this device is wirelessly paired to the module, 9 speed control and for light enabled modules, step dimming and colour temperature selection is made possible using the dial.

Up to 8 SMFR/BTAS can be paired to any single fan control module. If two way fan control is required the contractor shall install up to 8 SMFR/BTAS modules.

These fan modules can also be controlled via the PIXIE app and PIXIE Touch Panels.

Ventair - Releasing 2025

Once a compatible fan has been selected the **##PART_number_TBC##** module from Ventair shall be installed into the fan base controller prior to installation of the fan.

When using the **##PART_number_TBC##**, and where on wall control is also required to operate these fans, the contractor shall install and pair one or more of the specific PIXIE smart mechs - Multifunction Rotary Controller (SMFR/BTAS).

Once this device is wirelessly paired to the module, 9 speed control and for light enabled modules, step dimming and colour temperature selection is made possible using the dial.

Up to 8 SMFR/BTAS can be paired to any single fan control module. If two way fan control is required the contractor shall install up to 8 SMFR/BTAS modules.

These fan modules can also be controlled via the PIXIE app and PIXIE Touch Panels.

Big Ass Fans (BAF) - Releasing 2025

The contractor shall purchase and install the Big Ass Fan Haiku L 0–10 V Module (model#: 006352) for each fan that is required to be controlled from PIXIE.

In addition the contractor shall install a PIXIE PC152V-R-BTAM 0-10v controller for each BAF defined as controllable via PIXIE

If light control is also required, both an additional BAF module and PIXIE module is required, meaning 2 of each module is required for both fan speed AND light control, per BAF.

When using the PIXIE PC152V-R-BTAM 0-10v controller / Big Ass Fan Haiku L 0–10 V Module (model#: 006352) combination, and where on wall control is also required to operate these fans, the contractor shall install and pair one or more of the specific PIXIE smart mechs - Multifunction Rotary Controller (SMFR/BTAS) to the PIXIE 0-10v controller.

PIXIE Integration

PIXIE provides two approaches to integrating with 3rd party systems - high level and low level - and the contractor shall confirm the best solution based on these 3rd party manufacturers chosen for those other systems where integration with PIXIE is desired.

PIXIE Gateway

The PIXIE Gateway is required for high level integrating with 3rd party products and systems and shall be installed if these requirements arise.

High Level Integration

This type of integration depends on an official 3rd party integration being available from PIXIE as per the system detailed below.

Intercom / Doorbell Systems

PIXIE with intercom systems from specific manufacturers.

In all cases the PIXIE Touch Panel shall be used to provide:

- One way video to one or more installed outdoor stations
- Two way voice
- Security access via the integrated system's relays.

These manufacturers include:

- DaHua
 - <https://pixiepartners.com.au/support-docs/how-does-pixie-integrate-with-dahu-a-ip-intercom-systems/>
- Hikvision
 - Insert here

Contractors shall use the hyperlinks above to confirm compatible components from these 3rd party manufacturers prior to installation.

Air Conditioning

PIXIE works with Air conditioning systems from specific manufacturers:

These manufacturers include:

- Mitsubishi Electric

- <https://pixiepartners.com.au/support-docs/does-pixie-work-with-mitsubishi-air-conditioning-systems/>
- More TBC

Contractors shall use the hyperlinks above to confirm compatible components from these 3rd party manufacturers prior to installation.

Low Level Integration

This type of integration depends on hard wired, on site connections to and from 3rd party devices and a range of PIXIE devices detailed herein.

Common systems include alarm systems, door strikes, garage doors and automatic gates.

When 3rd party systems require a dry contact / volt free INPUT from a PIXIE system the PIXIE Blind and Signal controller PC206BS/R/BTAM shall be used. This device has 2 programmable relays that can be used to control a single INPUT each. When multiple (more than 2) INPUTS from PIXIE are required the contractor shall use the correct number of BSC devices to deliver the integration required.

When 3rd party systems are able to send a signal/s to PIXIE via dry contact / volt free OUTPUT either the PIXIE Translator PC100T/R/BTAS or the PIXIE Transceiver PC100CS-R-BTAM shall be used.

The contractor shall select the correct device depending on the integration requirements from the 3rd party system and the outcome desired.

Contractors can refer to the support information for each device below:

- PC100T/R/BTAS PIXIE Translator
 - <https://pixiepartners.com.au/support-docs/how-to-setup-and-use-the-pixie-translator-pc100t-r-btas/>
- PIXIE Transceiver
 - https://pixiepartners.com.au/wp-content/uploads/2024/05/Quick-Start-Guide_PC100CSRBTAM_RL1.1_20231215_CC.pdf

When control of garage doors and gates is required, the PIXIE Garage door and gate controller PC206GD-R-BTAM shall be installed to both control the open, stop, close function of the motor as well as determine the motors current status, open or closed, in the PIXIE Plus App and deliver Push Notification on door / gate status change.

The contractor shall determine compatibility between the PIXIE device and the motors for the garage door and gate.

To ensure door / gate open / closed status is known, the contractor shall install one of the two (2) PIXIE sensors, depending on door / gate type and install according to the installation manual.

- For garage doors use sensor - CSR41BTP
- For metal gates use sensor - CSM41BTP

The installation manual shall be sourced at one of these 2 locations by the contractor:

- <https://pixiepartners.com.au/product/pixie-gate-door-control-pc206gd-r-btam/>
- https://www.sal.net.au/products/smart-controls-and-electrical-accessories/smart-lighting-controls/PIXIE_GATE_PC206GD-R-BTAM
- <https://www.sal.net.au/products/smart-controls-and-electrical-accessories/smart-lighting-controls/PIXIE%20SENSORS>