



CABLE CONCEALMENT OPTIONS

Nexus AM30



Cut in Concrete

7mm wide x 25mm deep.
Cables are buried and covered with matching grout.



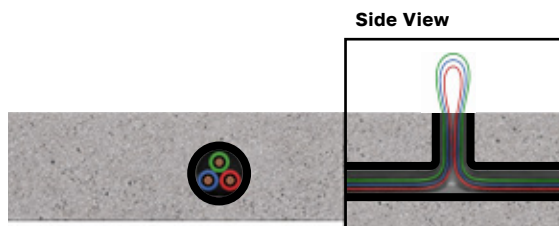
Aluminium Cable Cover

Cables are contained within a cable cover that is screwed into the floor.



Conduit

Single 25mm Conduit in floor chase.



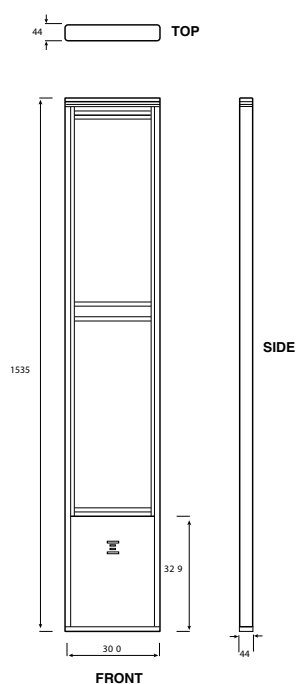
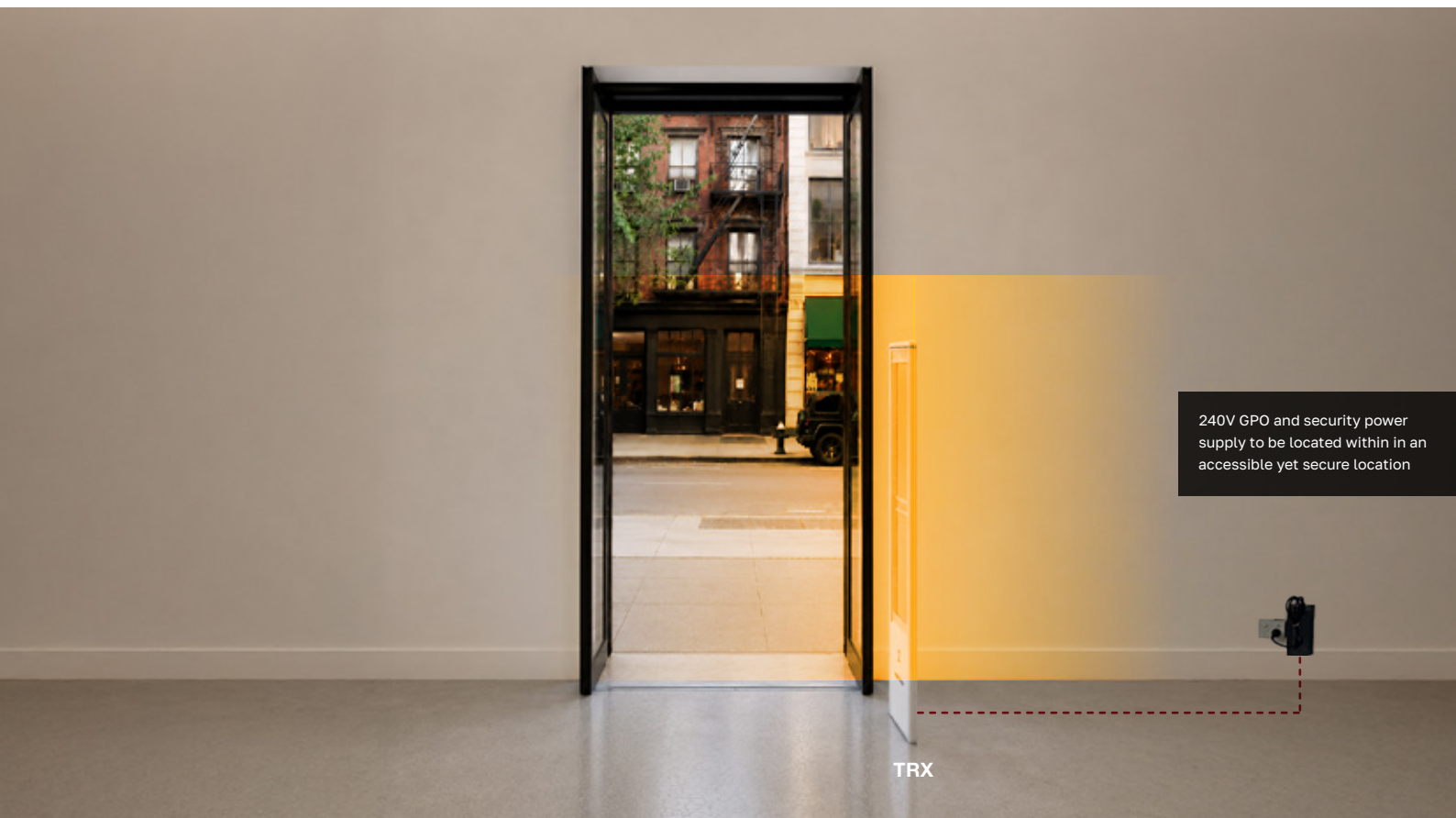
Side View

Conduit T Piece with 30cm excess looped cable at each system location



SYSTEM REQUIREMENTS

Nexus AM30 Single (Transceiver)



ⓘ Detection zone is dependent on Tags/Labels to be used - refer to consultant.

*Additional Pedestals may be added in same configuration

Nexus AM30 transceiver - PSU: CP2101-7023-5300

Power Supply: 210mm x 172mm x 70mm

Cable Spec

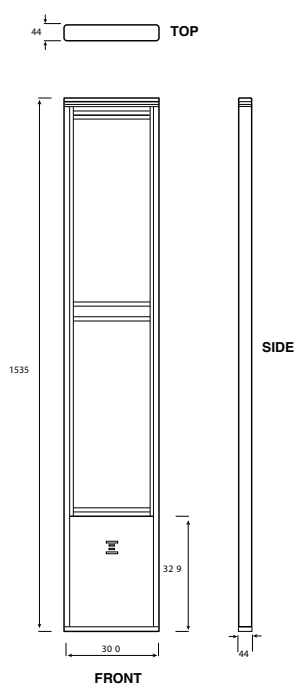
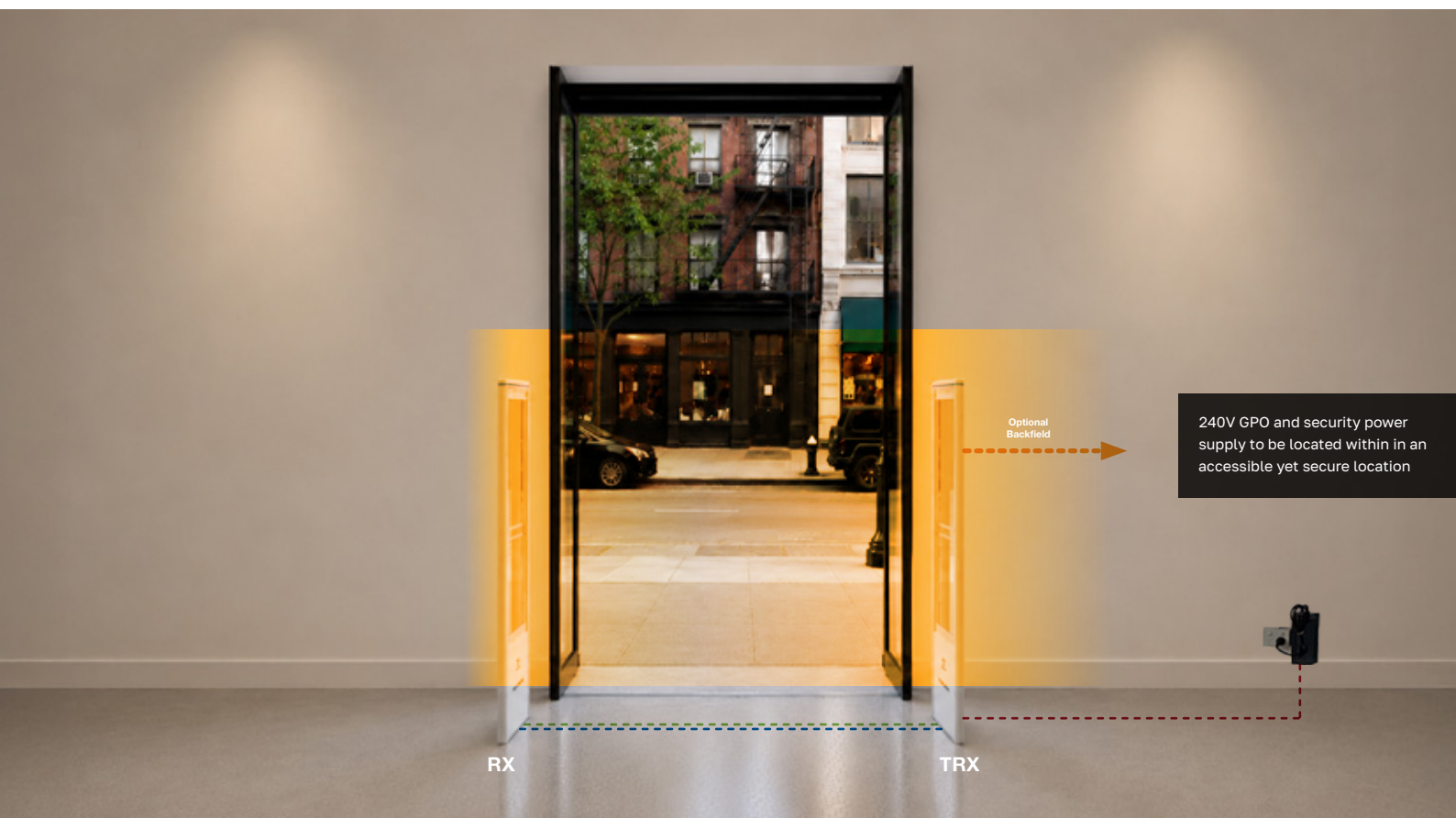
● **Power Cable:** 3 Core 0.75mm minimum power cable or equivalent.



SYSTEM REQUIREMENTS

Nexus AM30 Dual

(Transceiver + Receiver)



ⓘ Detection zone is dependent on Tags/Labels to be used - refer to consultant.

*Additional Pedestals may be added in same configuration

Nexus AM30 transceiver - PSU: CP2101-7023-5300

Nexus AM30 receiver: CP2101-7024-5300

Power Supply (30 Volt): 210mm x 172mm x 70mm

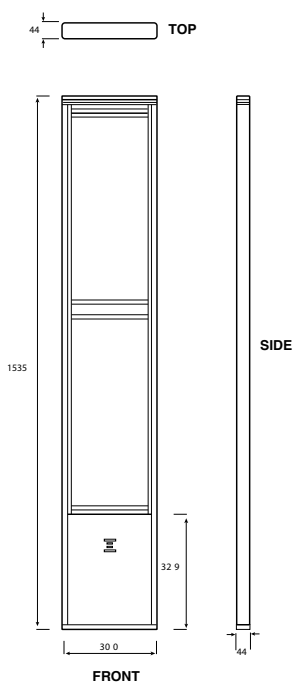
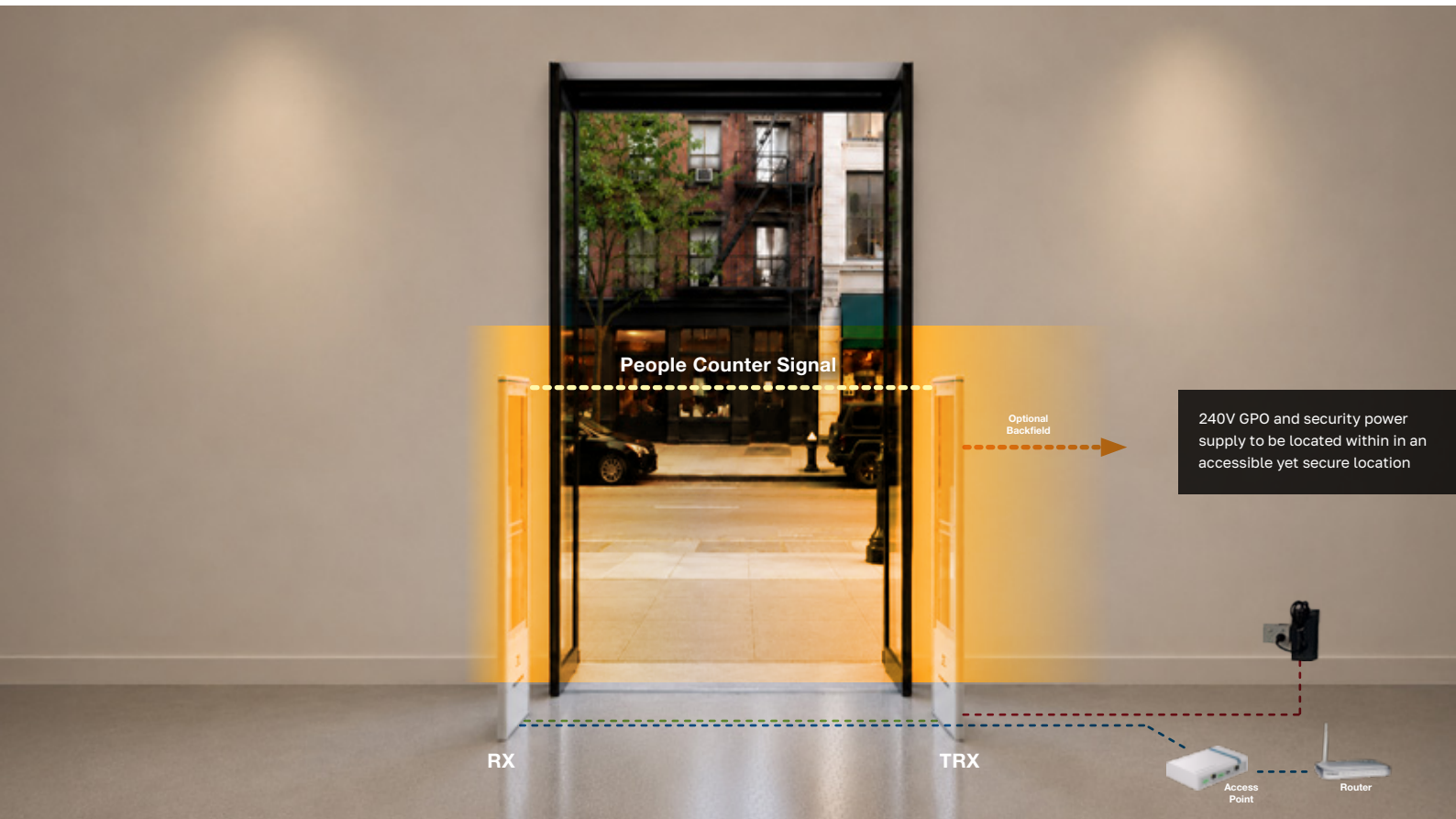
Cable Spec

- **Power Cable:** 3 Core 0.75mm minimum power cable or equivalent.
- **Slave Cable:** Belden-M 8723 Multi-Conductor Shielded Twisted Pair Cable or equivalent.
- **Data Cable:** CAT5 or CAT6.

SYSTEM REQUIREMENTS

Nexus AM30 Dual

(Transceiver + Receiver with remote connection or people counter)



① Detection zone is dependent on Tags/Labels to be used - refer to consultant.

*Additional Pedestals may be added in same configuration

Nexus AM30 transceiver - PSU: CP2101-7023-5300

Nexus AM30 receiver: CP2101-7024-5300

Cross Connect Access Point: CP2117-0403-0000

Power Supply (30 Volt): 210mm x 172mm x 70mm

Cable Spec

- **Power Cable:** 3 Core 0.75mm minimum power cable or equivalent.
- **Slave Cable:** Belden-M 8723 Multi-Conductor Shielded Twisted Pair Cable or equivalent.
- **Data Cable:** CAT5 or CAT6.



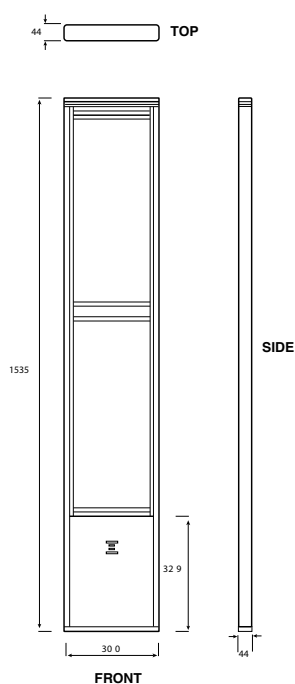
SYSTEM REQUIREMENTS

Nexus AM30 Dual

(2 x Transceiver – cable across exit)



240V GPO and security power supply to be located within in an accessible yet secure location



① Detection zone is dependent on Tags/Labels to be used - refer to consultant.

*Additional Pedestals may be added in same configuration

Nexus AM30 transceiver - PSU: CP2101-7023-5300

Power Supply (30 Volt): 210mm x 172mm x 70mm

Cable Spec

- **Power Cable:** 3 Core 0.75mm minimum power cable or equivalent.
- **Data Cable:** CAT5 or CAT6.



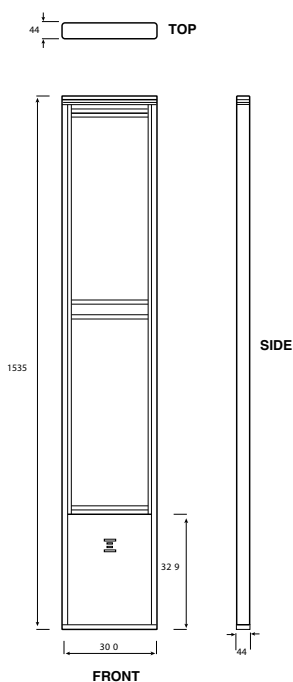
SYSTEM REQUIREMENTS

Nexus AM30 Dual

(2 x Transceiver separate – no cable across exit)



240V GPO and security power supply to be located within in an accessible yet secure location



ⓘ Detection zone is dependent on Tags/Labels to be used - refer to consultant.

*Additional Pedestals may be added in same configuration

Nexus AM30 transceiver - PSU: CP2101-7023-5300

Power Supply (30 Volt): 210mm x 172mm x 70mm

Cable Spec

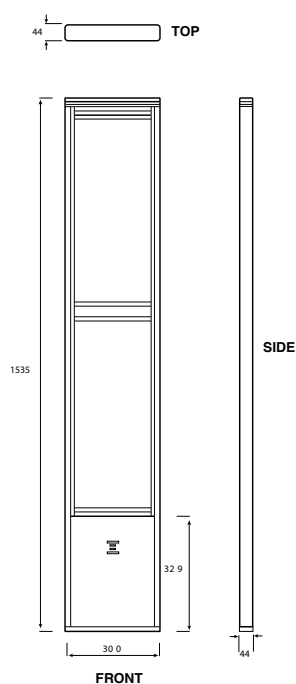
● **Power Cable:** 3 Core 0.75mm minimum power cable or equivalent.



SYSTEM REQUIREMENTS

Nexus AM30 Triple

(Transceiver + 2 x Receiver)



① Detection zone is dependent on Tags/Labels to be used - refer to consultant.

*Additional Pedestals may be added in same configuration

Nexus AM30 transceiver - PSU: CP2101-7023-5300

Nexus AM30 receiver: CP2101-7024-5300

Power Supply (30 Volt): 210mm x 172mm x 70mm

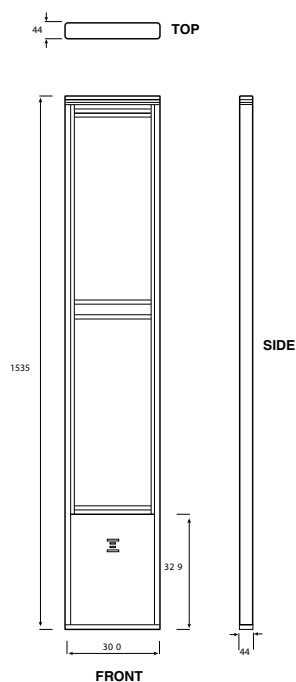
Cable Spec

- **Power Cable:** 3 Core 0.75mm minimum power cable or equivalent.
- **Slave Cable:** Belden-M 8723 Multi-Conductor Shielded Twisted Pair Cable or equivalent.
- **Data Cable:** CAT5 or CAT6.

SYSTEM REQUIREMENTS

Nexus AM30 Triple

(Transceiver + 2 x Receiver with remote connection or people counter)



① Detection zone is dependent on Tags/Labels to be used - refer to consultant.

*Additional Pedestals may be added in same configuration

Nexus AM30 transceiver - PSU: CP2101-7023-5300

Nexus AM30 receiver: CP2101-7024-5300

Cross Connect Access Point: CP2117-0403-0000

Power Supply (30 Volt): 210mm x 172mm x 70mm

Cable Spec

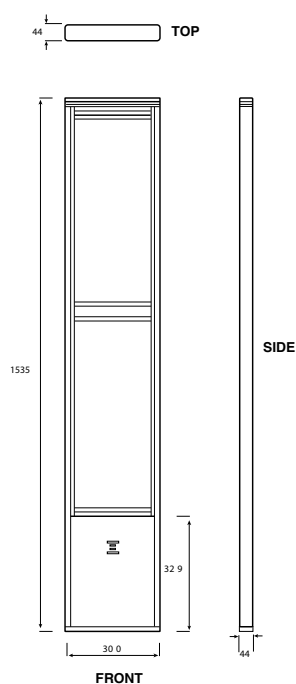
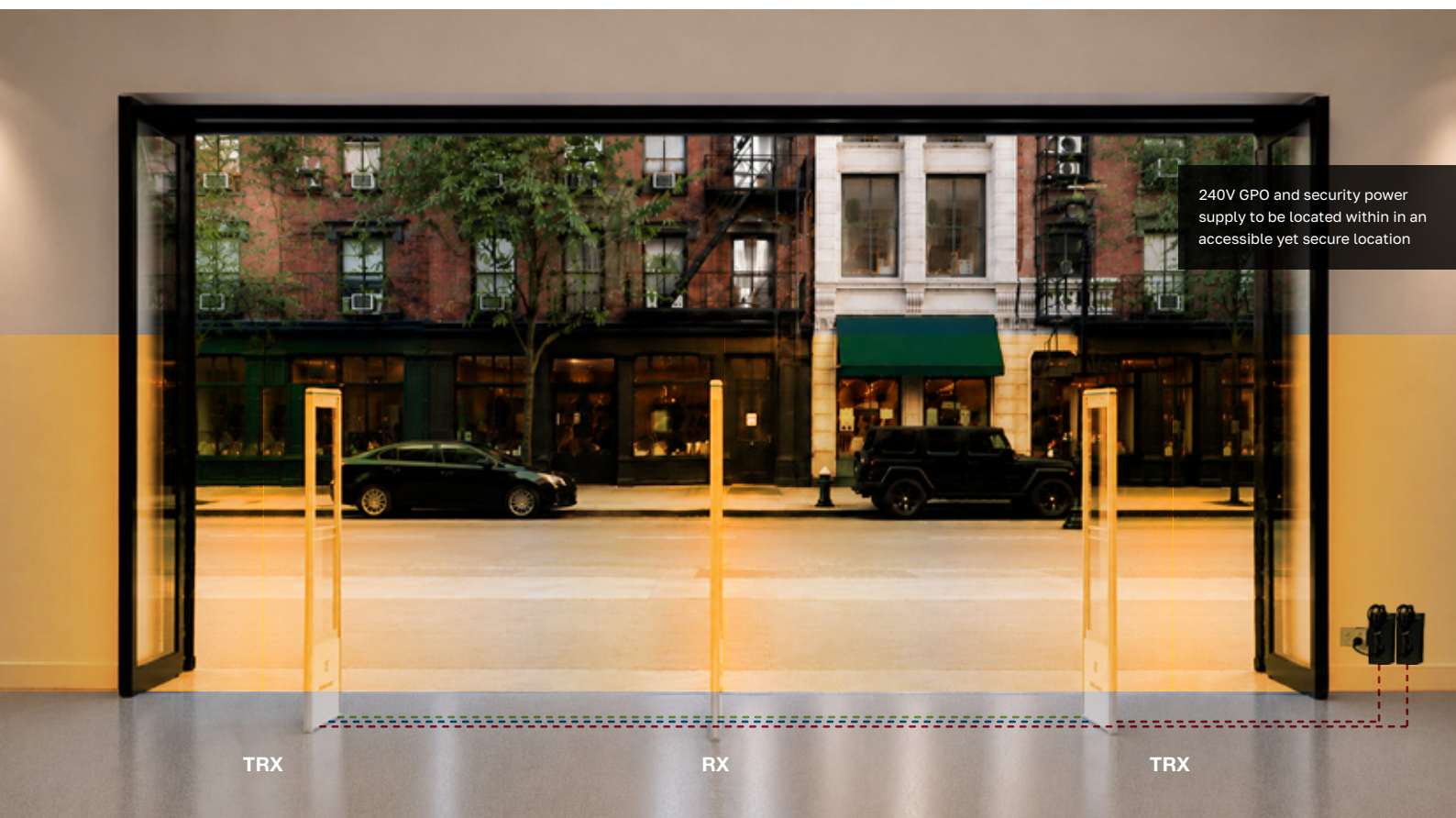
- **Power Cable:** 3 Core 0.75mm minimum power cable or equivalent.
- **Slave Cable:** Belden-M 8723 Multi-Conductor Shielded Twisted Pair Cable or equivalent.
- **Data Cable:** CAT5 or CAT6.



SYSTEM REQUIREMENTS

Nexus AM30 Triple

(2 x Transceiver + Receiver)



ⓘ Detection zone is dependent on Tags/Labels to be used - refer to consultant.

*Additional Pedestals may be added in same configuration

Nexus AM30 transceiver - PSU: CP2101-7023-5300

Nexus AM30 receiver: CP2101-7024-5300

Power Supply (30 Volt): 210mm x 172mm x 70mm

Cable Spec

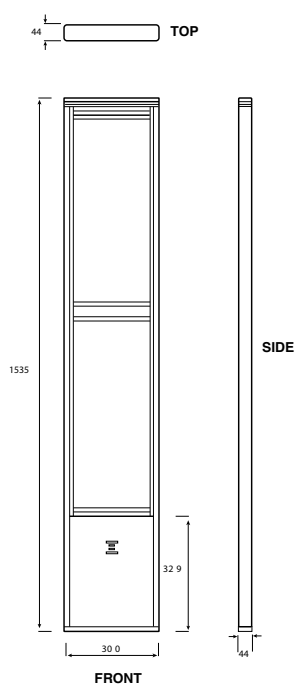
- **Power Cable:** 3 Core 0.75mm minimum power cable or equivalent.
- **Slave Cable:** Belden-M 8723 Multi-Conductor Shielded Twisted Pair Cable or equivalent.
- **Data Cable:** CAT5 or CAT6.



SYSTEM REQUIREMENTS

Nexus AM30 Triple

(3 x Transceiver)



ⓘ Detection zone is dependent on Tags/Labels to be used - refer to consultant.

*Additional Pedestals may be added in same configuration

Nexus AM30 transceiver - PSU: CP2101-7023-5300

Power Supply (30 Volt): 210mm x 172mm x 70mm

Cable Spec

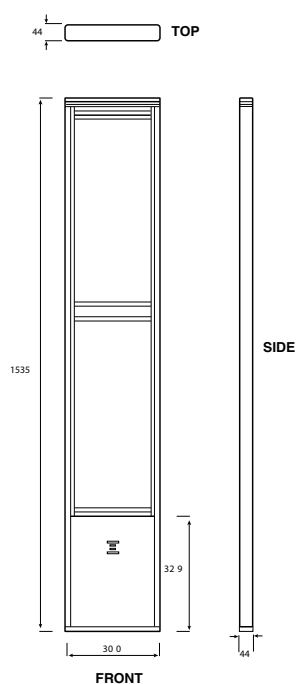
- **Power Cable:** 3 Core 0.75mm minimum power cable or equivalent.
- **Data Cable:** CAT5 or CAT6.



SYSTEM REQUIREMENTS

Nexus AM30 Quad

(2 x Transceiver + 2 x Receiver)



ⓘ Detection zone is dependent on Tags/Labels to be used - refer to consultant.

*Additional Pedestals may be added in same configuration

Nexus AM30 transceiver - PSU: CP2101-7023-5300

Nexus AM30 receiver: CP2101-7024-5300

Power Supply (30 Volt): 210mm x 172mm x 70mm

Cable Spec

- **Power Cable:** 3 Core 0.75mm minimum power cable or equivalent.
- **Slave Cable:** Belden-M 8723 Multi-Conductor Shielded Twisted Pair Cable or equivalent.
- **Data Cable:** CAT5 or CAT6.