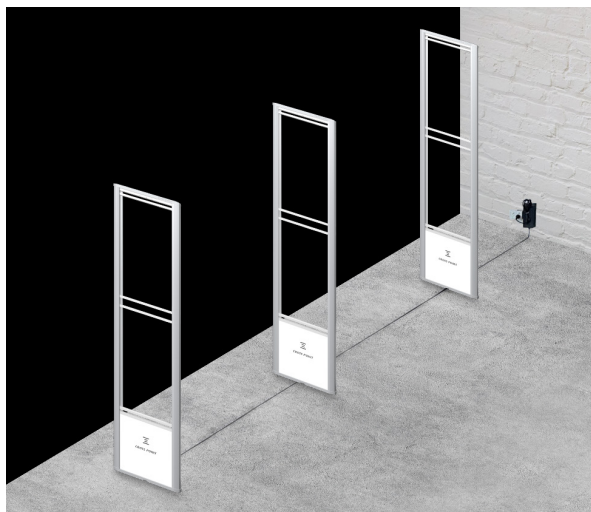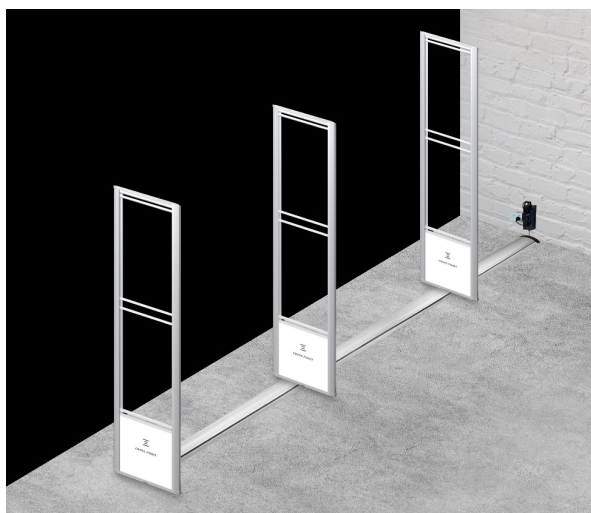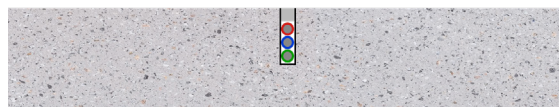# Fortus AM40
Cable Concealment Options
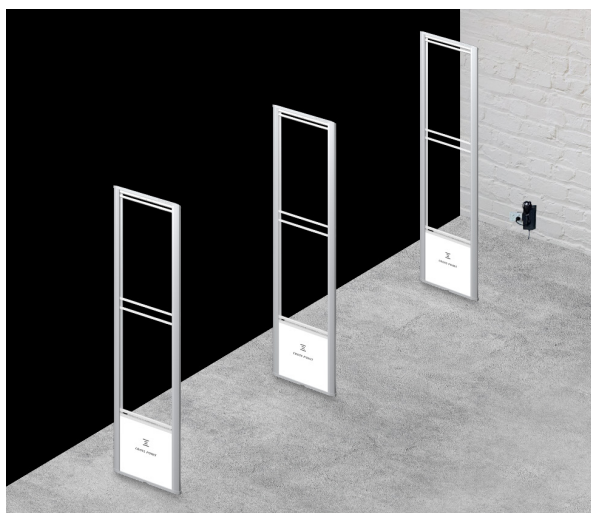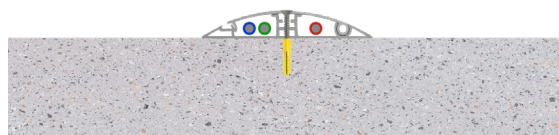

Cut in Concrete

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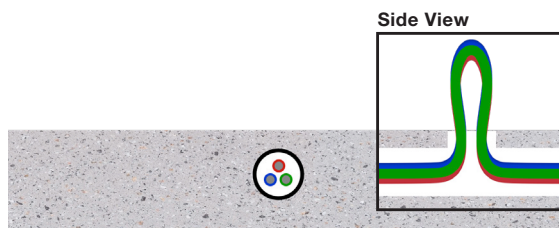Cables are buried and covered with matching grout.

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 excess looped cable at each system location

TRX

240V GPO and security power
supply to be located within
3 metres of Transceiver,
preferably in a secure location

TOP

56

158 7

SIDE

31 7

37 8

56

FRONT

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

*Additional Pedestals may be added in same configuration

Fortus AM40 transceiver - PSU: CP2101-6723-5300

Power Supply: 210mm x 172mm x 70mm

Cable Spec

● **Power Cable:** 3 Core 7/0.30 Shielded Control Cable or equivalent.

Fortus AM40 **Dual**
(Transceiver & Receiver)

TRX

RX

Optional Backfield

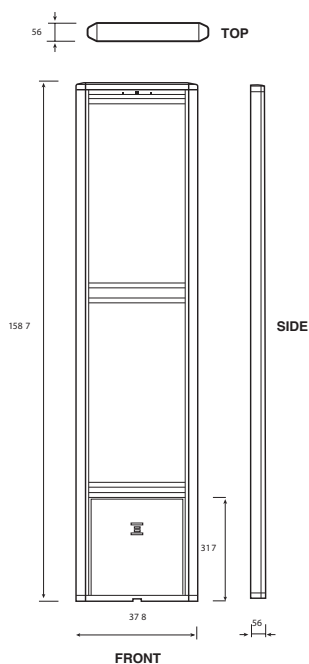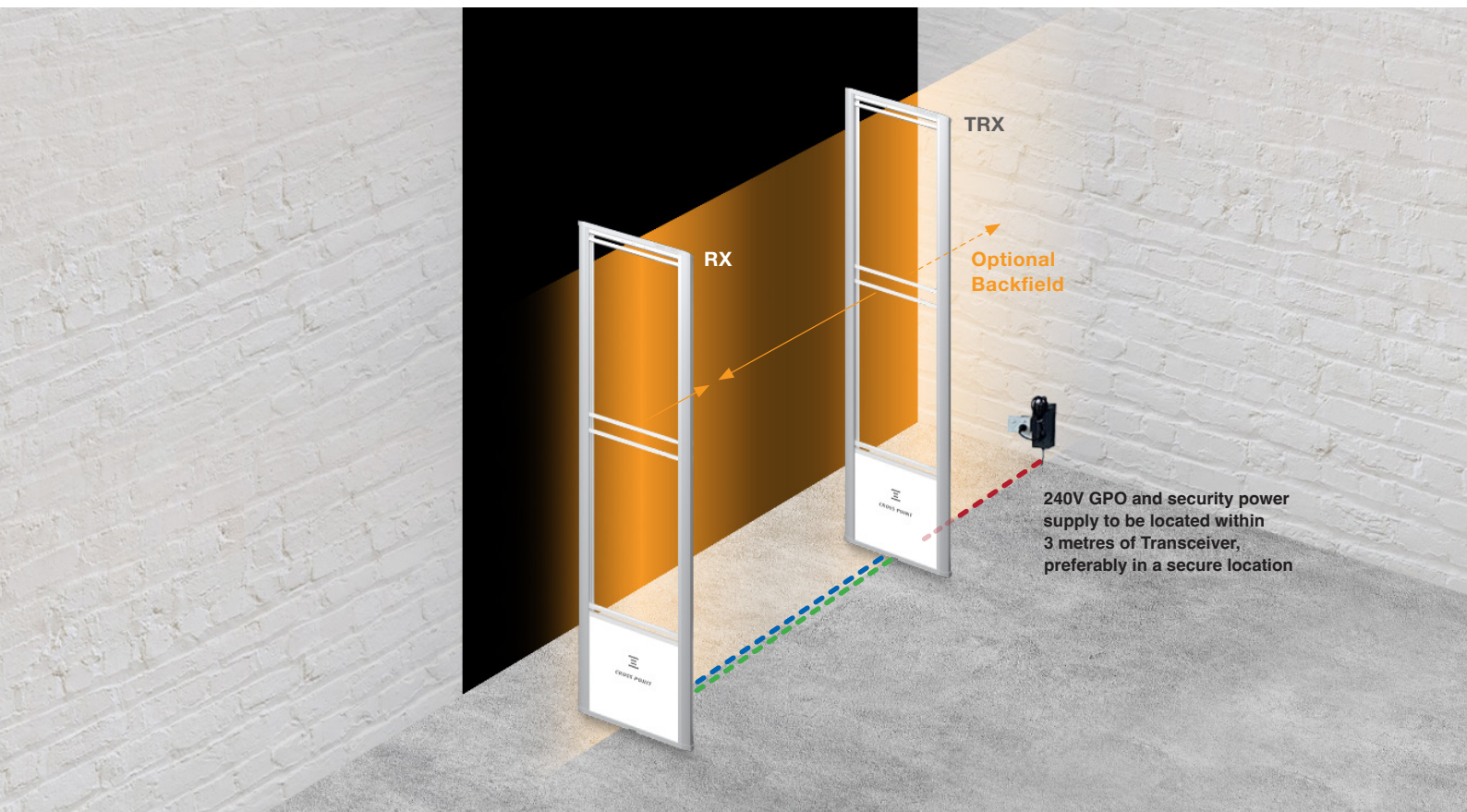**240V GPO and security power supply to be located within 3 metres of Transceiver, preferably in a secure location**

TOP

56

158 7

SIDE

317

37 8

56

FRONT

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

*Additional Pedestals may be added in same configuration

Fortus AM40 transceiver - PSU: CP2101-6723-5300

Fortus AM40 receiver: CP2101-6724-5300

Power Supply: 210mm x 172mm x 70mm

Cable Spec

- 🔴 **Power Cable:** 3 Core 7/0.30 Shielded Control Cable or equivalent.
- 🟢 **Slave Cable:** Belden-M 8723 Multi-Conductor Shielded Twisted Pair Cable or equivalent.
- 🔵 **Data Cable:** CAT5 or CAT6.

Fortus AM40 **Dual**
(Transceiver & Receiver with remote connection or people counter)

People counter signal

TRX

RX

Optional Backfield

Router

Access point

240V GPO and security power supply to be located within 3 metres of Transceiver, preferably in a secure location

TOP

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SIDE

FRONT

158 7

31 7

37 8

56

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

*Additional Pedestals may be added in same configuration

Fortus AM40 transceiver - PSU: CP2101-6723-5300

Fortus AM40 receiver: CP2101-6724-5300

Cross Connect Access Point: CP2117-0403-0000

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

Cable Spec

- 🔴 **Power Cable:** 3 Core 7/0.30 Shielded Control Cable or equivalent.
- 🟢 **Slave Cable:** Belden-M 8723 Multi-Conductor Shielded Twisted Pair Cable or equivalent.
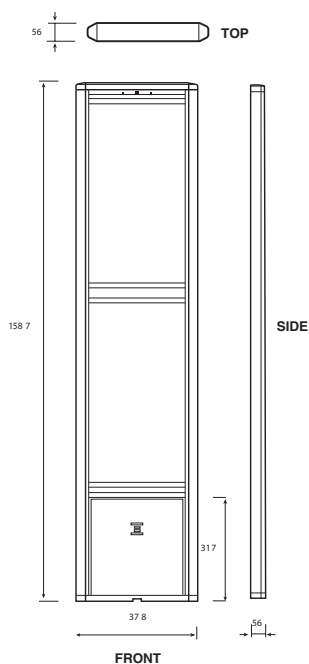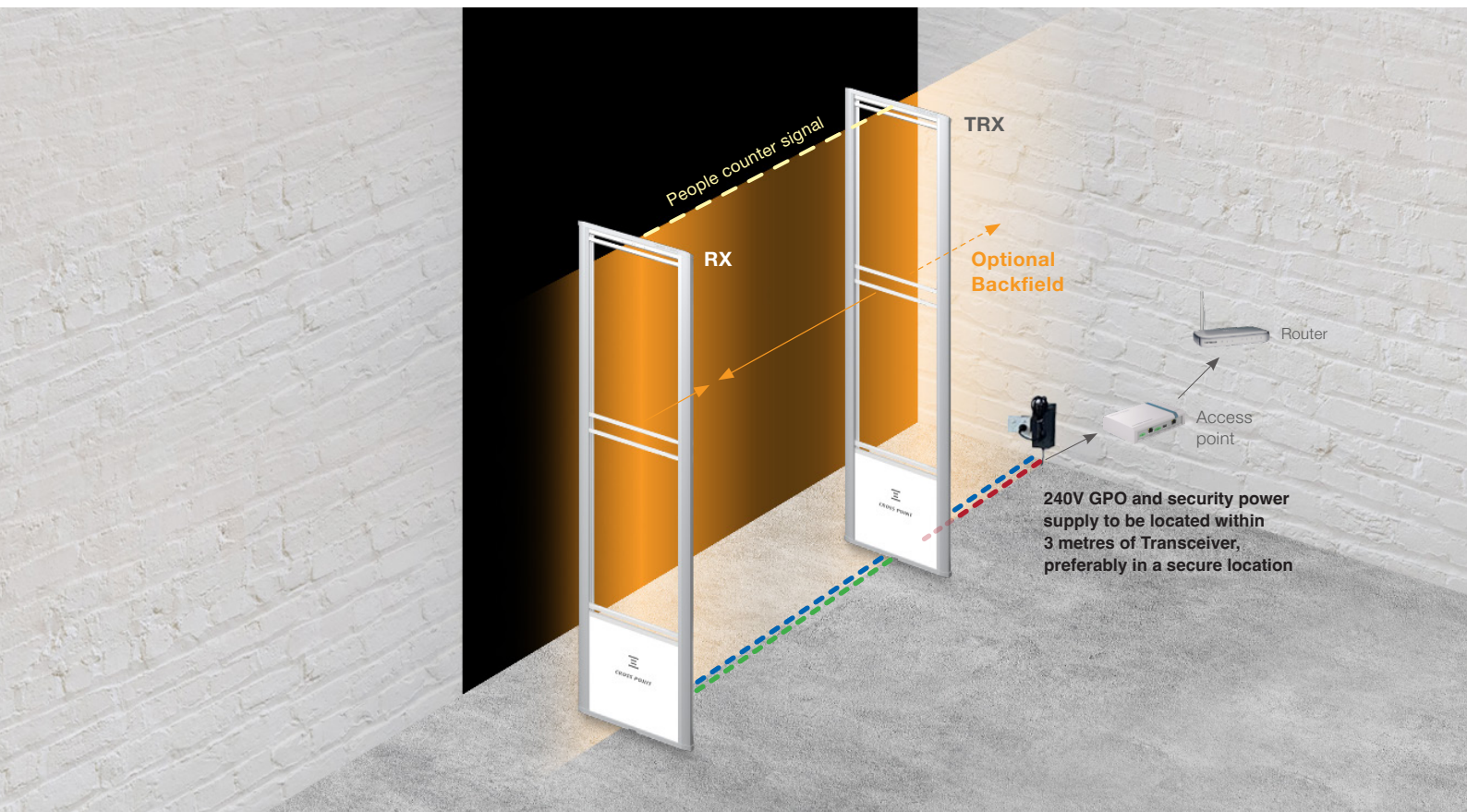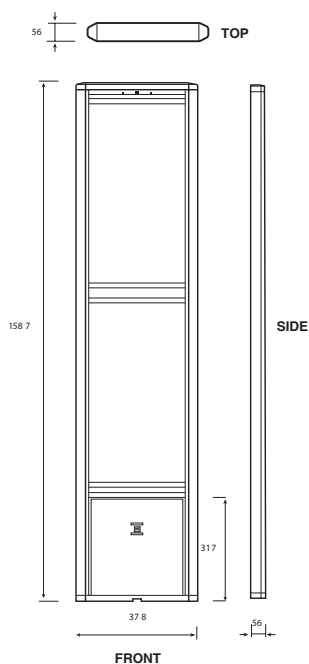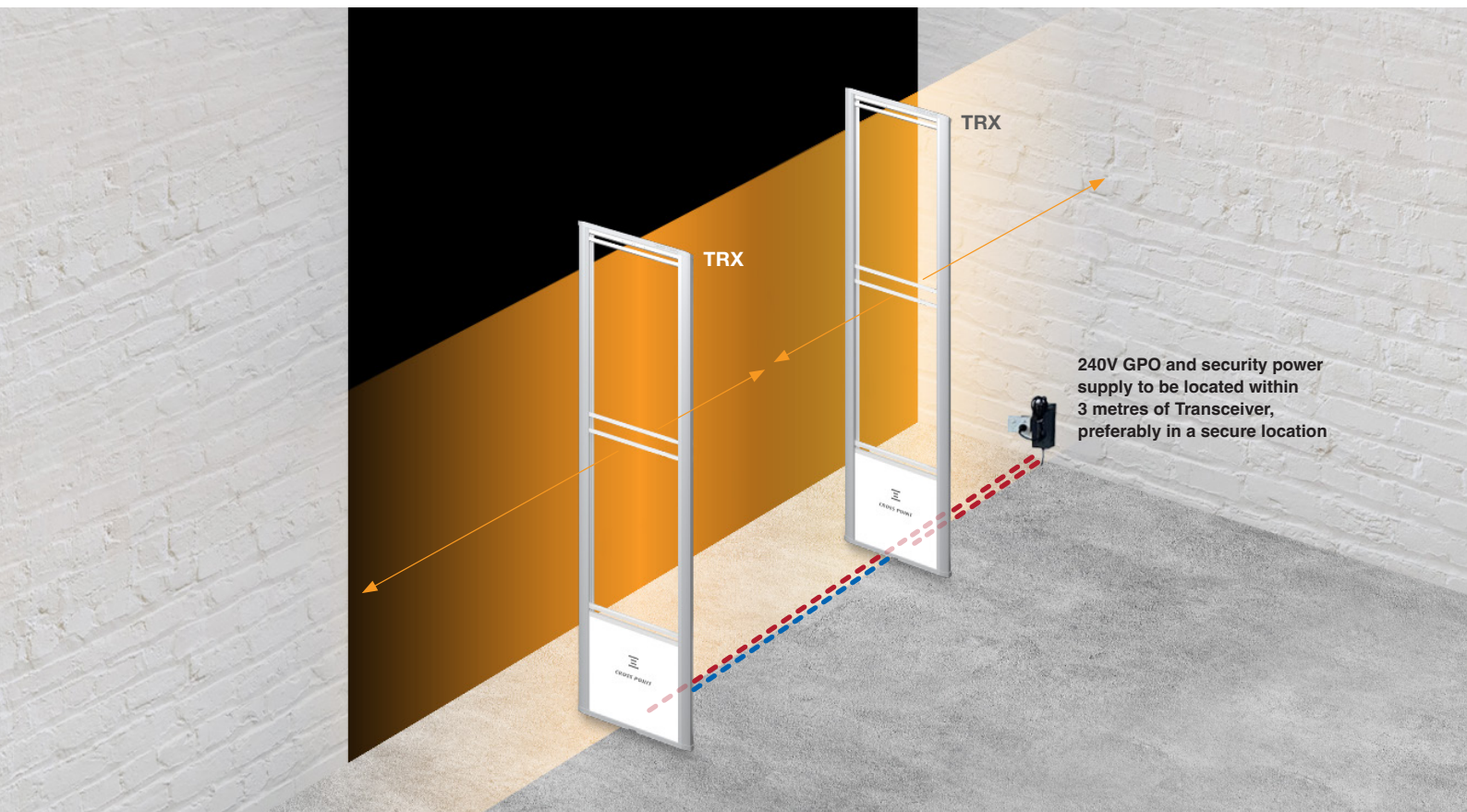- 🔵 **Data Cable:** CAT5 or CAT6.

Fortus AM40 **Dual**

(2x Transceiver – cable across exit)

TRX

TRX

240V GPO and security power supply to be located within 3 metres of Transceiver, preferably in a secure location

TOP

SIDE

FRONT

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158 7

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37 8

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

*Additional Pedestals may be added in same configuration

Fortus AM40 transceiver - PSU: CP2101-6723-5300

Power Supply: 210mm x 172mm x 70mm

Cable Spec

- 🔴 **Power Cable:** 3 Core 7/0.30 Shielded Control Cable or equivalent.
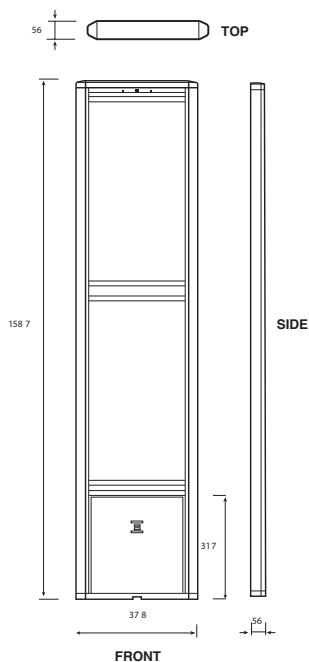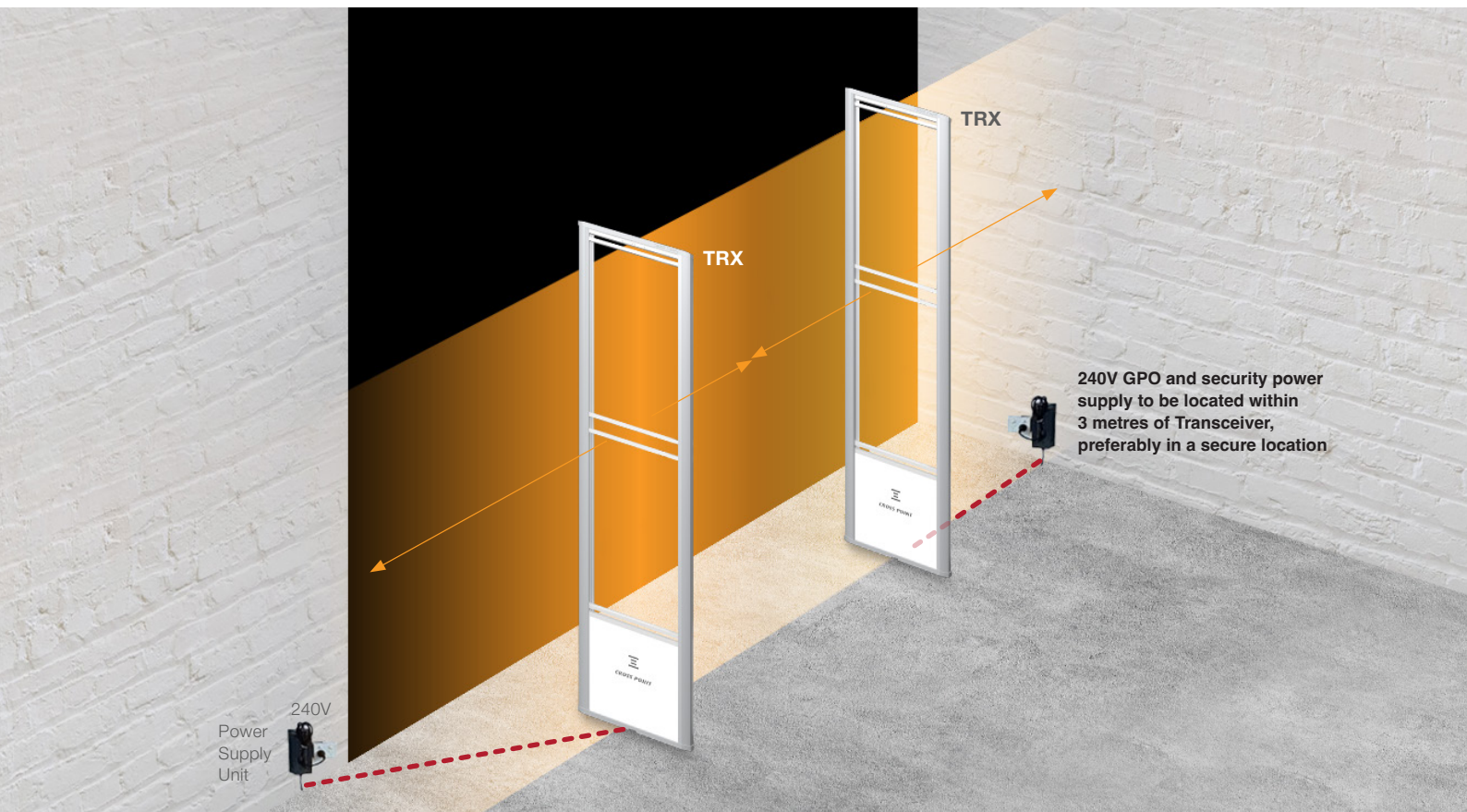- 🔵 **Data Cable:** CAT5 or CAT6.

Fortus AM40 **Dual**

(2x Transceiver Separate – no cable across exit)

TRX

TRX

240V GPO and security power supply to be located within 3 metres of Transceiver, preferably in a secure location

240V
Power Supply Unit

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56 TOP

158 7

SIDE

31 7

37 8

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FRONT

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

*Additional Pedestals may be added in same configuration

Fortus AM40 transceiver - PSU: CP2101-6723-5300
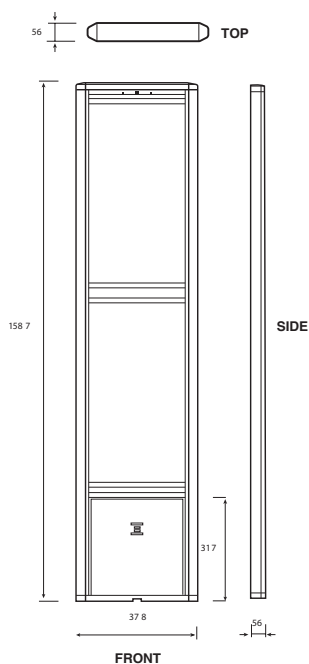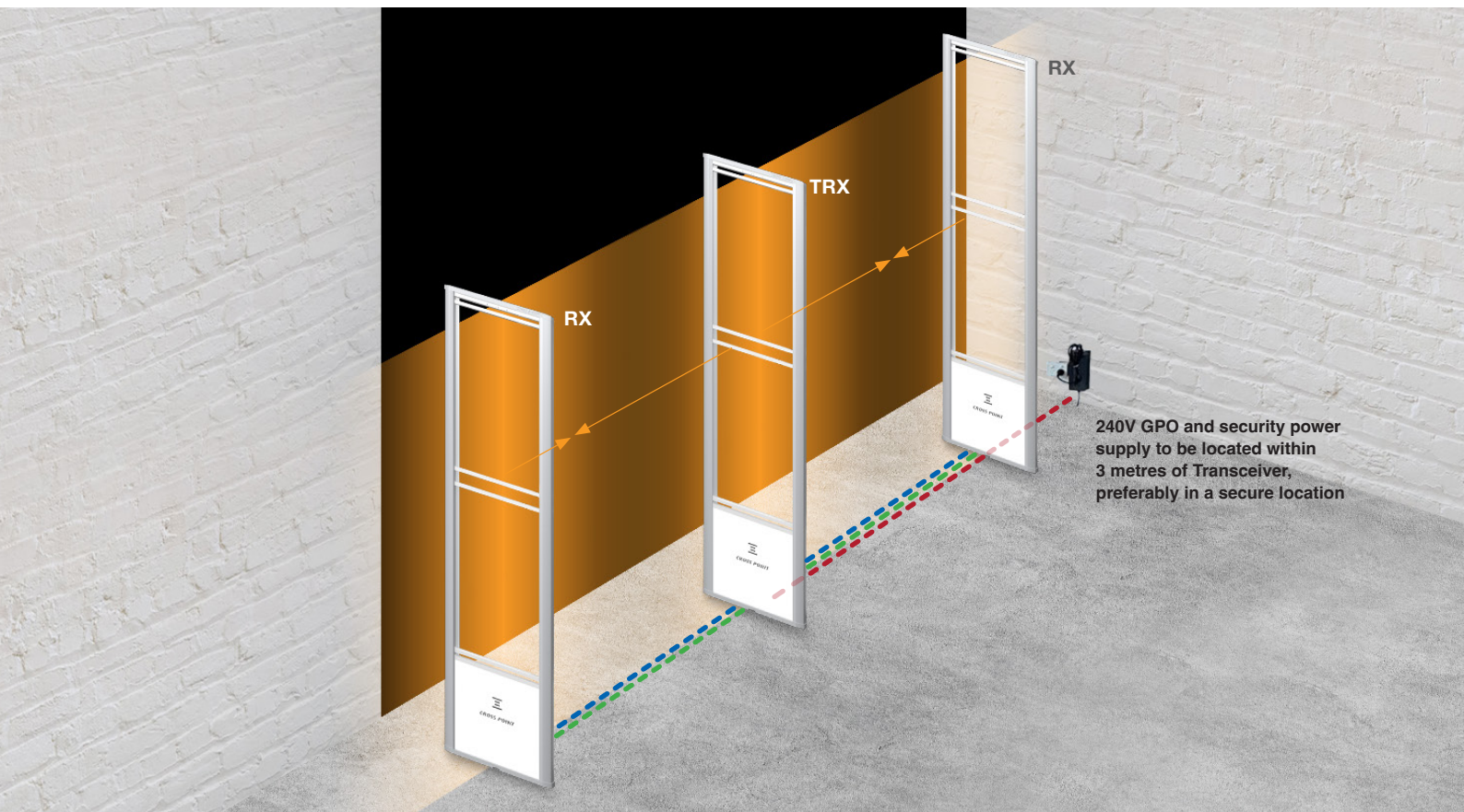
Power Supply: 210mm x 172mm x 70mm

Cable Spec

● **Power Cable:** 3 Core 7/0.30 Shielded Control Cable or equivalent.

Fortus AM40 Triple
(Transceiver & 2x Receiver)

RX

TRX

RX

240V GPO and security power supply to be located within 3 metres of Transceiver, preferably in a secure location

56 TOP

158 7

SIDE

317

37 8

56

FRONT

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

*Additional Pedestals may be added in same configuration

Fortus AM40 transceiver - PSU: CP2101-6723-5300

Fortus AM40 receiver: CP2101-6724-5300

Power Supply: 210mm x 172mm x 70mm

Cable Spec

- 🔴 **Power Cable:** 3 Core 7/0.30 Shielded Control Cable or equivalent.
- 🟢 **Slave Cable:** Belden-M 8723 Multi-Conductor Shielded Twisted Pair Cable or equivalent.
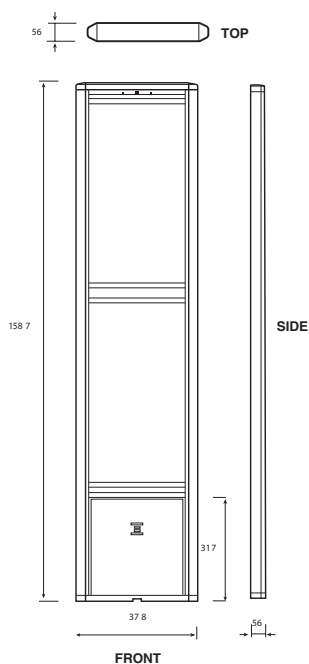- 🔵 **Data Cable:** CAT5 or CAT6.

Fortus AM40 Triple
(Transceiver & 2x Receiver with remote connection or people counter)

TOP

SIDE

FRONT

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

*Additional Pedestals may be added in same configuration

Fortus AM40 transceiver - PSU: CP2101-6723-5300

Fortus AM40 receiver: CP2101-6724-5300

Cross Connect Access Point: CP2117-0403-0000

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

Cable Spec

- 🔴 **Power Cable:** 3 Core 7/0.30 Shielded Control Cable or equivalent.
- 🟢 **Slave Cable:** Belden-M 8723 Multi-Conductor Shielded Twisted Pair Cable or equivalent.
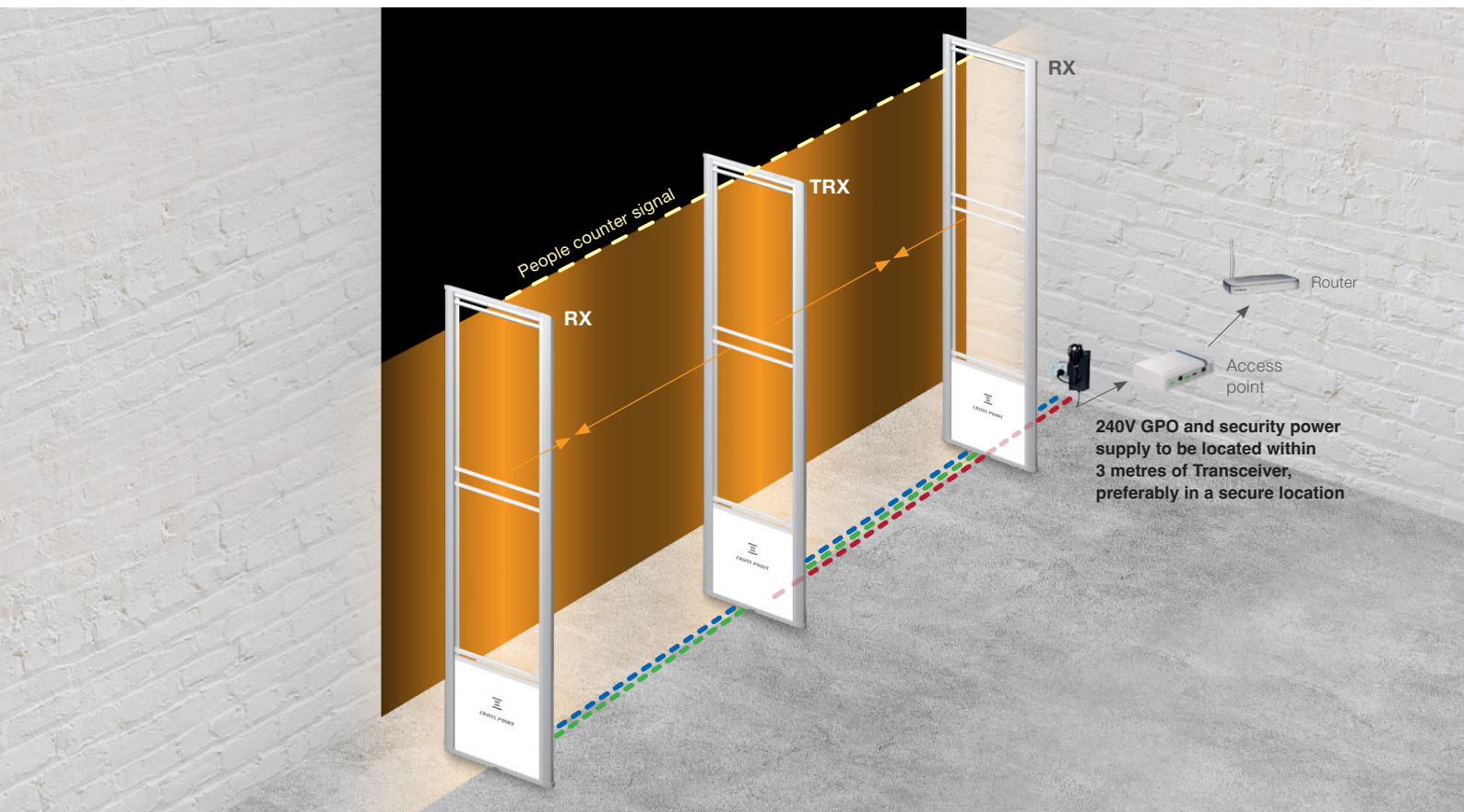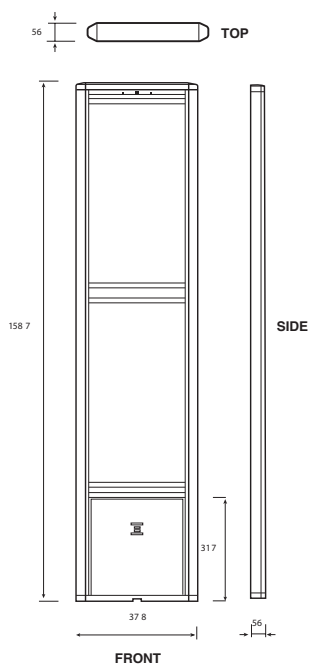- 🔵 **Data Cable:** CAT5 or CAT6.

System Requirements
Fortus AM40 Triple
(2x Transceiver & Receiver)

TRX

RX

TRX

240V GPO and security power supply to be located within 3 metres of Transceiver, preferably in a secure location

TOP

SIDE

FRONT

56

158 7

37 8

317

56

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

*Additional Pedestals may be added in same configuration

Fortus AM40 transceiver - PSU: CP2101-6723-5300

Fortus AM40 receiver: CP2101-6724-5300

Power Supply: 210mm x 172mm x 70mm

Cable Spec

- 🔴 **Power Cable:** 3 Core 7/0.30 Shielded Control Cable or equivalent.
- 🟢 **Slave Cable:** Belden-M 8723 Multi-Conductor Shielded Twisted Pair Cable or equivalent.
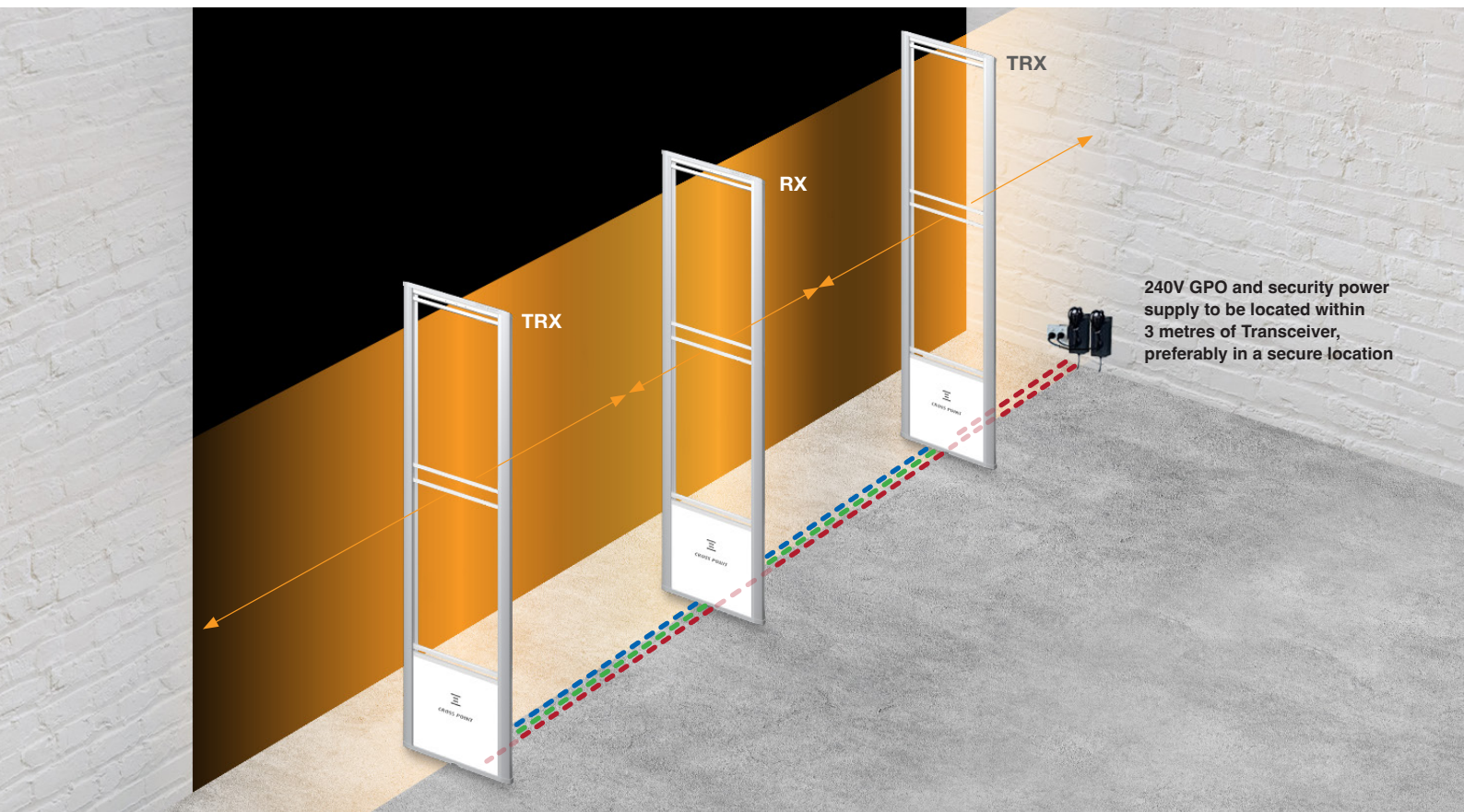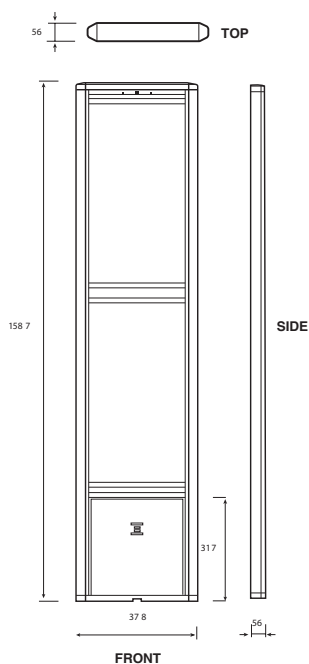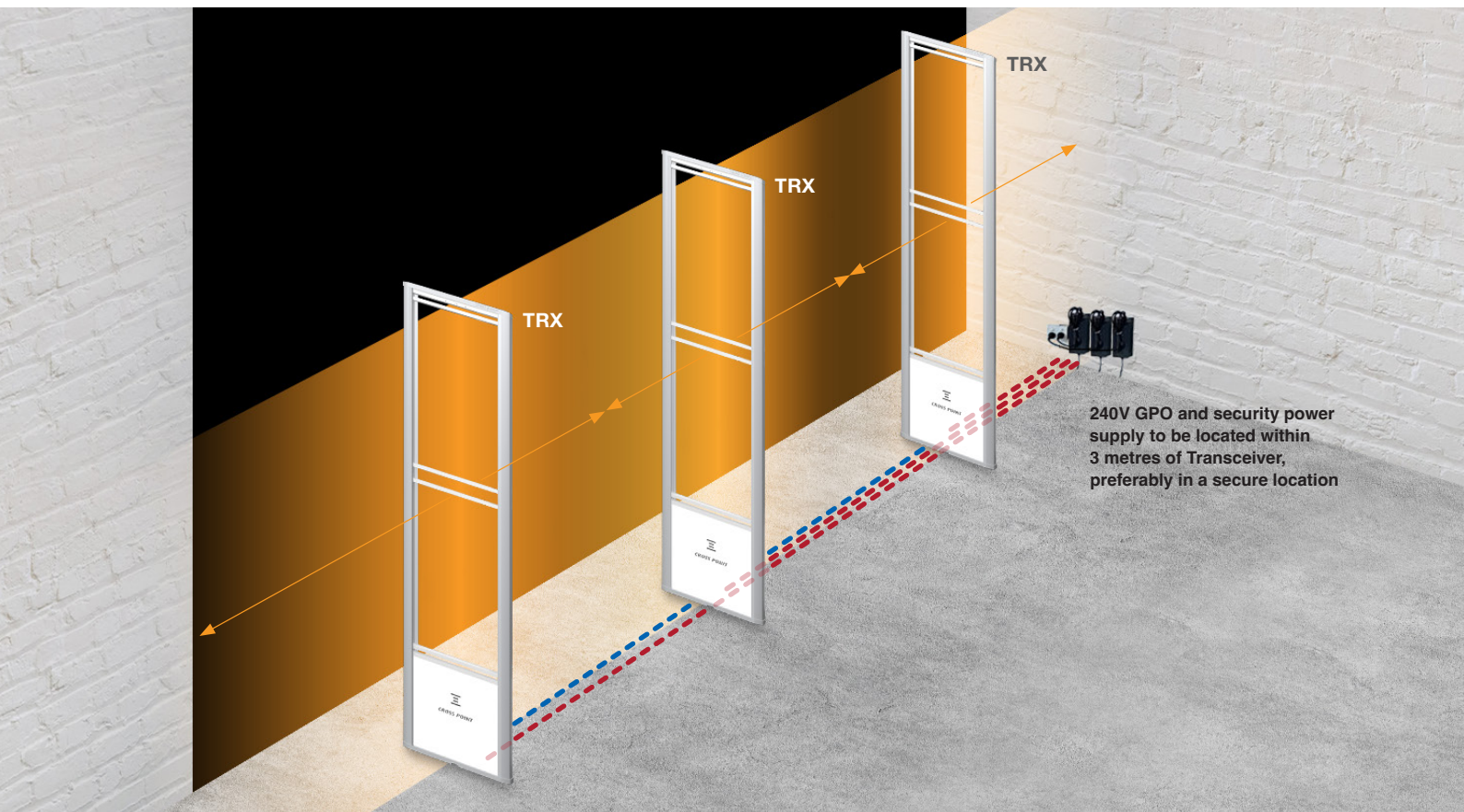- 🔵 **Data Cable:** CAT5 or CAT6.

Fortus AM40 Triple
(3X Transceiver)

TRX

TRX

TRX

240V GPO and security power supply to be located within 3 metres of Transceiver, preferably in a secure location

TOP
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SIDE

158 7

31 7

37 8

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FRONT

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

＊Additional Pedestals may be added in same configuration

Fortus AM40 transceiver - PSU: CP2101-6723-5300

Power Supply: 210mm x 172mm x 70mm

Cable Spec

- ● **Power Cable:** 3 Core 7/0.30 Shielded Control Cable or equivalent.
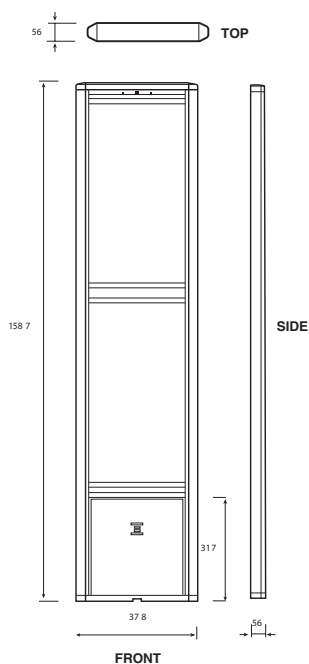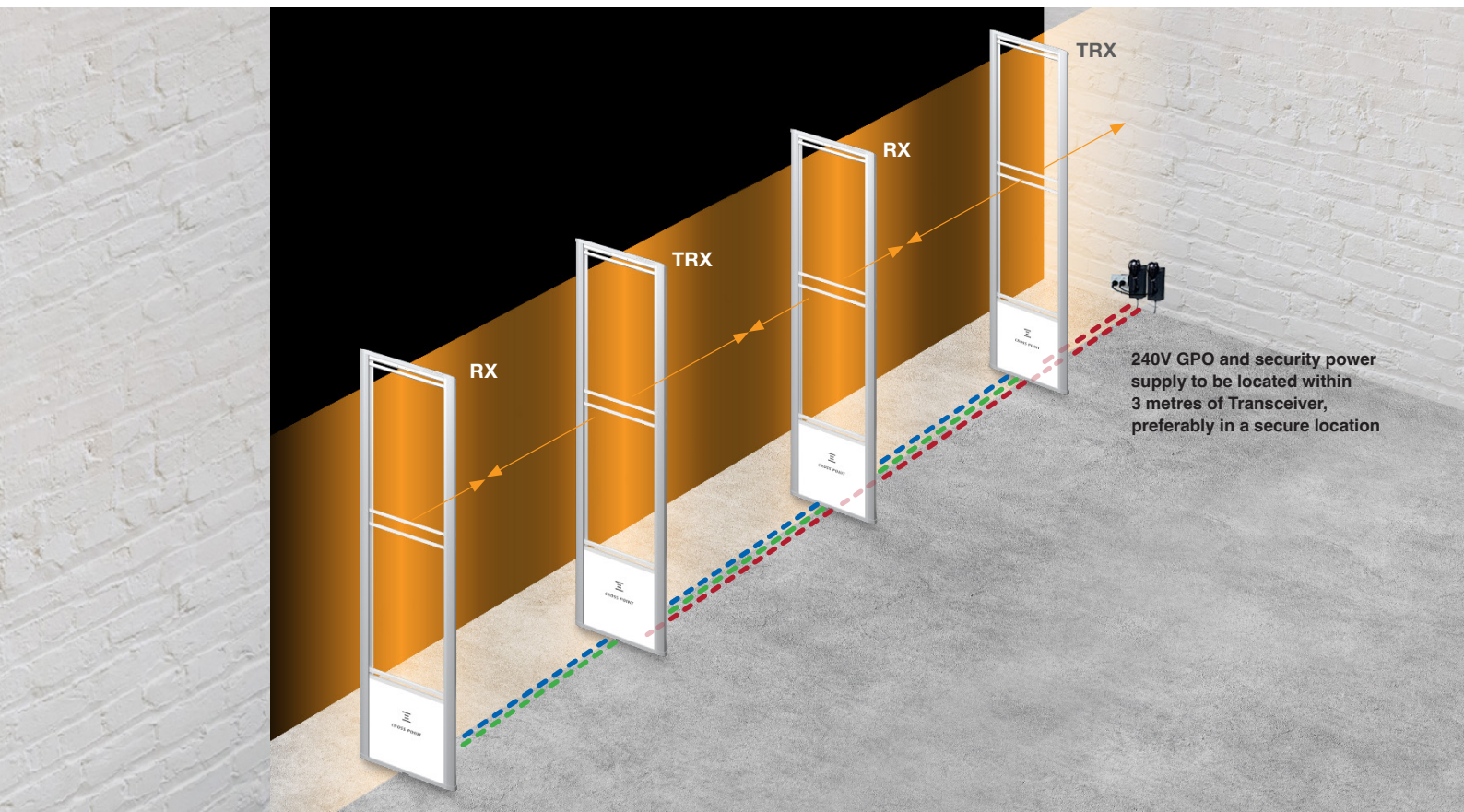- ● **Data Cable:** CAT5 or CAT6.

Fortus AM40 Quad
(2x Transceiver & 2x Receiver)

TRX

RX

TRX

RX

240V GPO and security power supply to be located within 3 metres of Transceiver, preferably in a secure location

TOP
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SIDE

FRONT

158 7

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

*Additional Pedestals may be added in same configuration

Fortus AM40 transceiver - PSU: CP2101-6723-5300

Fortus AM40 receiver: CP2101-6724-5300
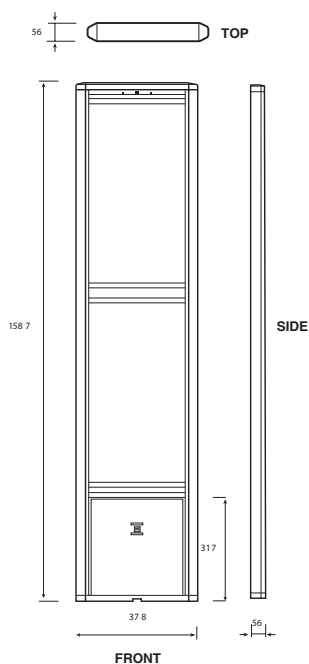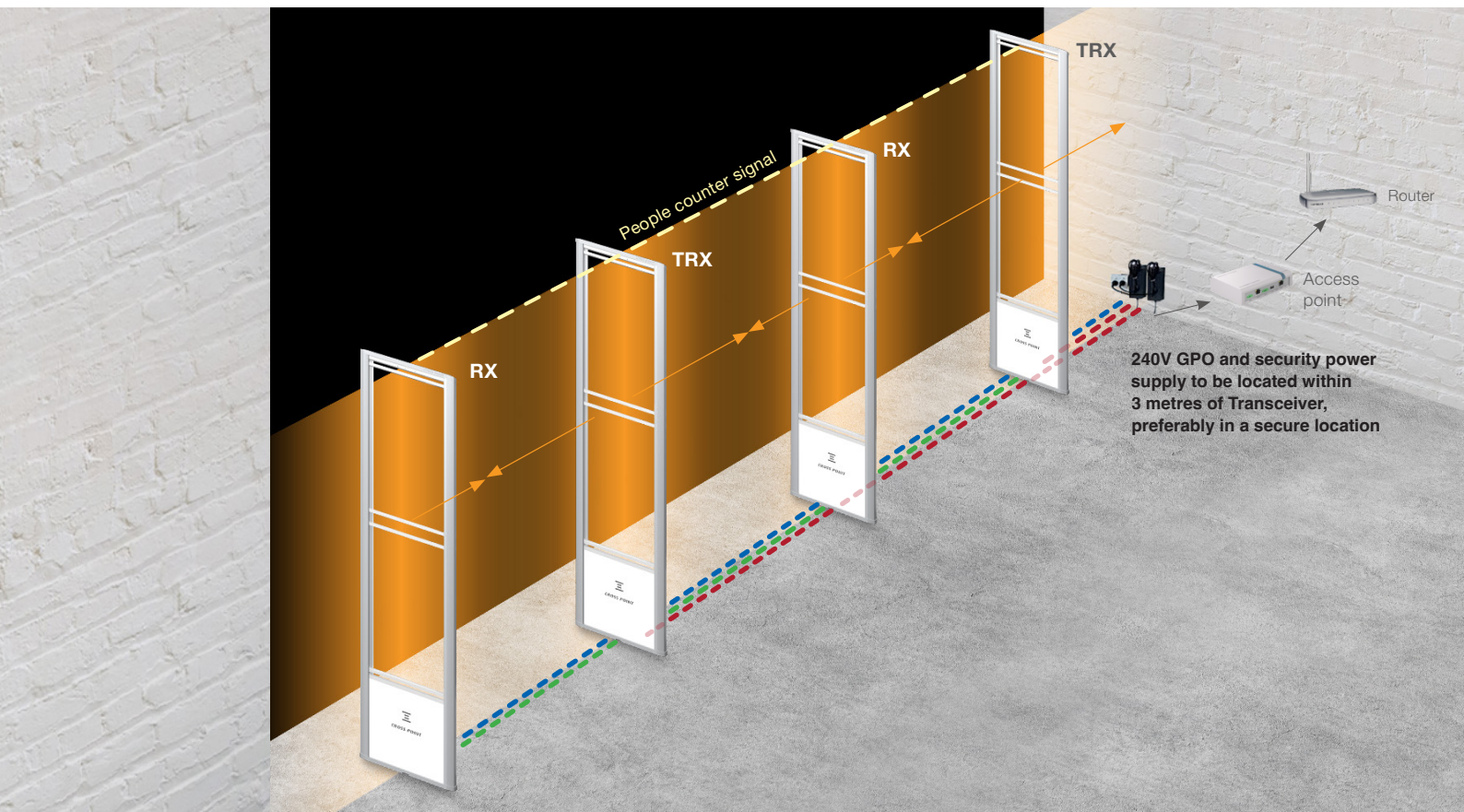
Power Supply: 210mm x 172mm x 70mm

Cable Spec

- 🔴 **Power Cable:** 3 Core 7/0.30 Shielded Control Cable or equivalent.
- 🟢 **Slave Cable:** Belden-M 8723 Multi-Conductor Shielded Twisted Pair Cable or equivalent.
- 🔵 **Data Cable:** CAT5 or CAT6.

Fortus AM40 Quad

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

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

*Additional Pedestals may be added in same configuration

Fortus AM40 transceiver - PSU: CP2101-6723-5300

Fortus AM40 receiver: CP2101-6724-5300

Cross Connect Access Point: CP2117-0403-0000

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

Cable Spec

- 🔴 **Power Cable:** 3 Core 7/0.30 Shielded Control Cable or equivalent.
- 🟢 **Slave Cable:** Belden-M 8723 Multi-Conductor Shielded Twisted Pair Cable or equivalent.
- 🔵 **Data Cable:** CAT5 or CAT6.