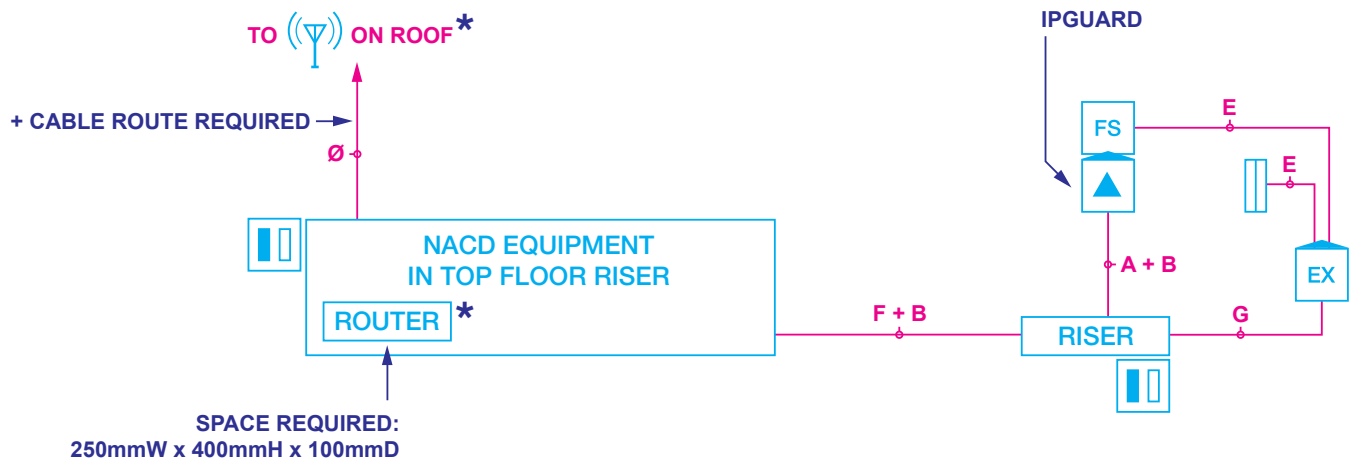


IPGUARD 4G/IP/GSM Smart Visitor Door Entry

BATI (Cloud based): typical schematic



This is a general schematic only.

Other variables need to be considered as they can affect cable type required:

- (a) quantity of locking on the door, its voltage and power requirements,
- (b) distances from the power/control unit location to locking and control devices.

Please contact NACD technical department for advice.

*** Router only if required, see Installation Manual.**
A GSM aerial for localised siting via direct connection to the IPGUARD is supplied c/w 5 metres of cable.

CABLE CODES

- A** Class E (CAT6) U/UTP x 4no
+ Earth 1.5mm² (6491X)
- B** 3-core 1.5mm² flex cable (3183Y)
- E** Lock circuit cable ref. 4 x 1 YY CC per lock
(4-core, 1mm²/core)
- F** Class E (CAT6) U/UTP x 2no
- G** Lock circuit cable ref. 4 x 1 YY/LSZH per lock
(4-core, 1mm²/core)
+ Class E (CAT6) U/UTP x 1no
- Ø** LSZH Firefighter® 400 low loss flexible
50 Ohm coax (www.belcom.com)

LEGEND



IPGUARD® 4G/IP/GSM Smart Visitor Door Entry & Access Control panel.



12VDC fail safe electric release or electro-magnet (as per advice or pre-installed by door supplier for door type, designation and usage profile).



Double Pole (DP) momentary NO/NC door release button (fitted within 1 metre maximum distance of the relevant door exit pull/push handle at a maximum height of 1 metre from FFL) + Green emergency breakglass door release with flip lid (fitted within a 1 metre radius of the door at a maximum height of 1 metre from FFL). All locking must be 12VDC fail safe.



GSM aerial.



Fireman switch.



240VAC Mains Unswitched Fused Spur, 13A.

IPGUARD 4G/IP/GSM Smart Visitor Door Entry, BATI (Cloud based): typical schematic

T N° 6001

CABLING

- A** Class E (CAT6) U/UTP x 4no
+ Earth 1.5mm² (6491X)
- B** 3-core 1.5mm² flex cable (3183Y)
- E** Lock circuit ref. 4 x 1 YY CC per lock
(4-core, 1mm²/core)
- F** Class E (CAT6) U/UTP x 2no
- G** Lock circuit cable ref. 4 x 1 YY/LSZH per lock
(4-core, 1mm²/core)
+ Class E (CAT6) U/UTP x 1no
- Ø** LSZH Firefighter® 400 low loss flexible 50 Ohm
coax (www.belcom.com)

* Router only if required, see
Installation Manual.
A GSM aerial for localised
siting via direct connection
to the IPGUARD is supplied
c/w 5 metres of cable.

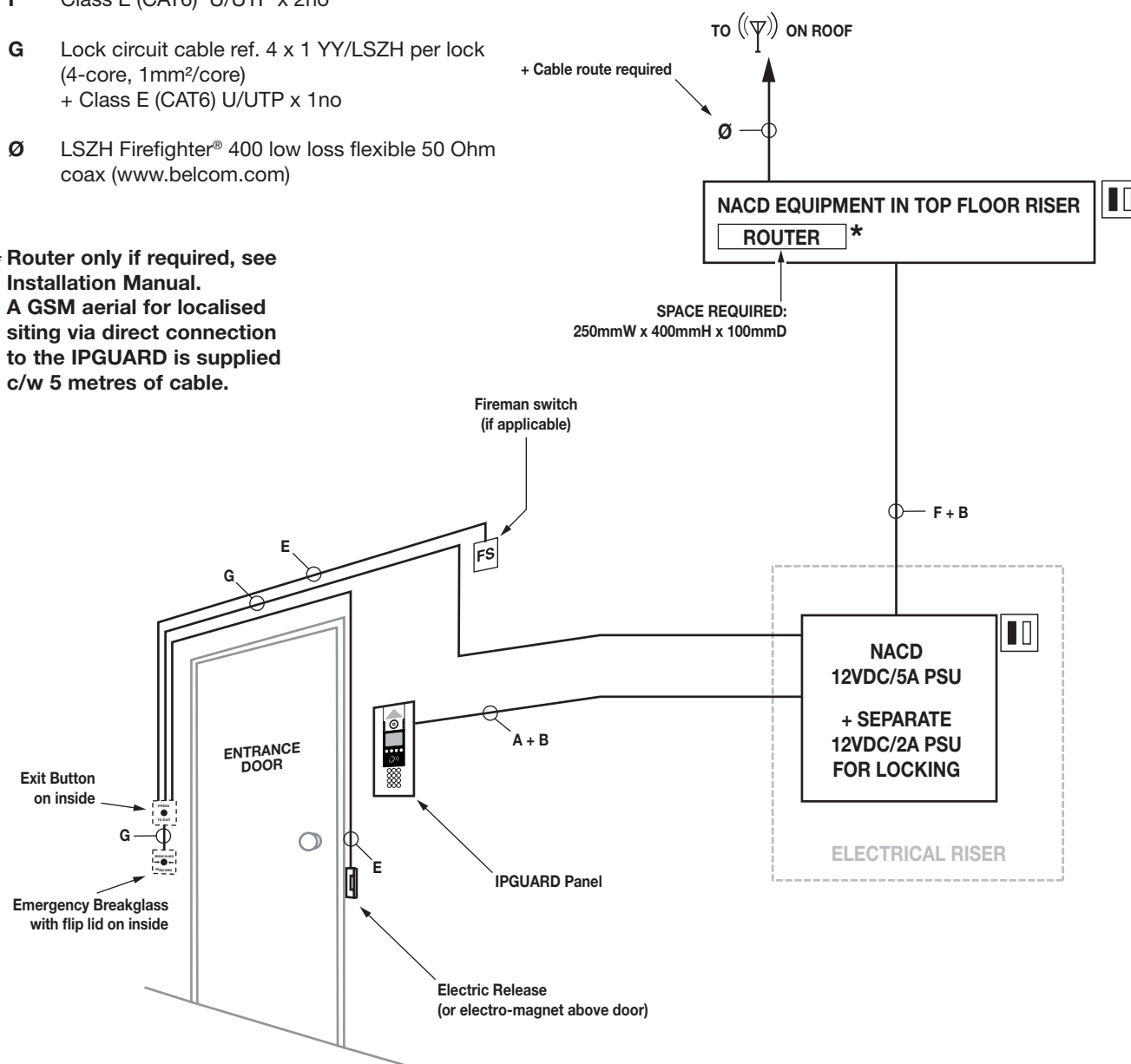
LEGEND



GSM aerial.



240VAC Mains Unswitched
Fused Spur, 13A.



NOTES

Height from FFL to top of exit button = 1 metre
Height from FFL to centre of IPGUARD panel = 1.2 – 1.4 metres

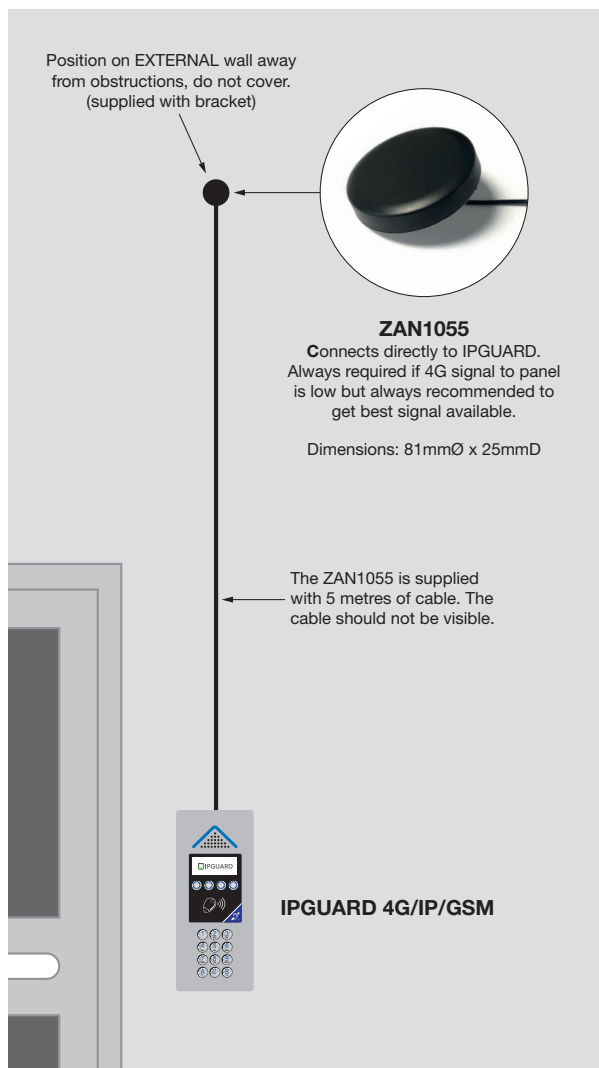


IPGUARD
4G/IP/GSM SMART
Visitor Door Entry

IPGUARD ZAN1055 AERIAL WITH FIXING BRACKET

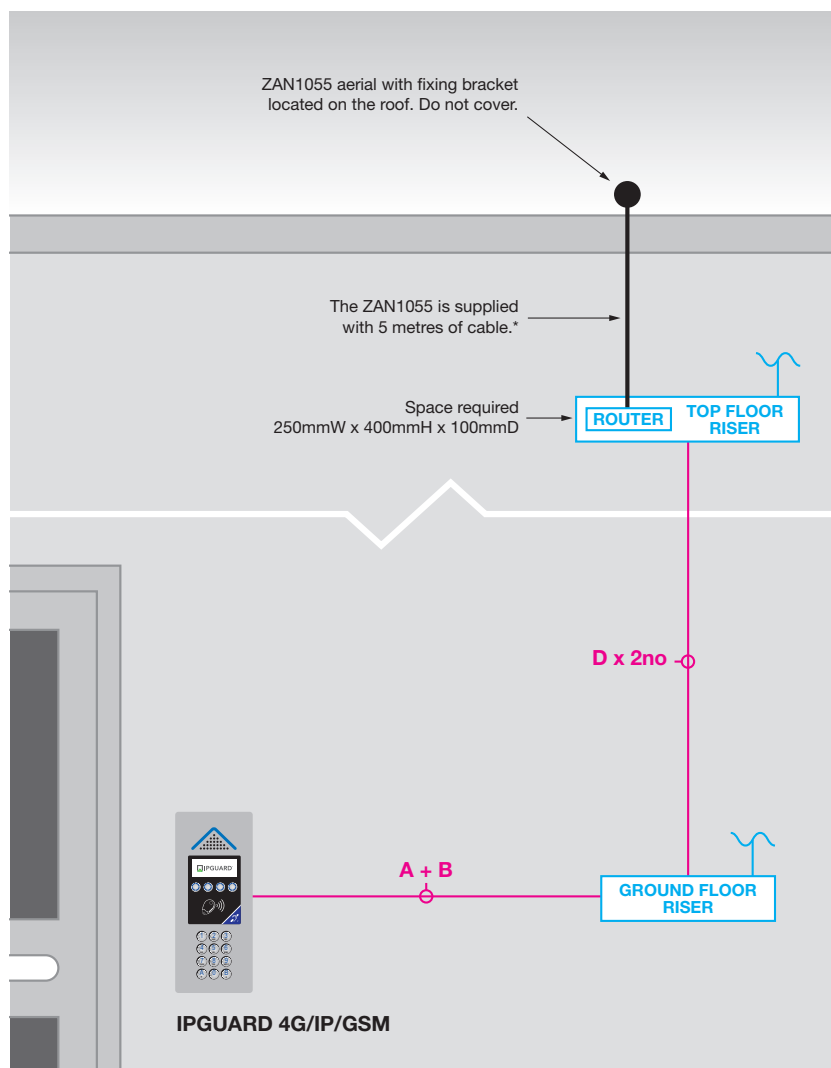
Option 1

GSM Aerial connected directly to IPGUARD.



Option 2

GSM Aerial located on roof of building.



LEGEND

- A** Class E (CAT6) U/UTP x 4no + Earth 1.5mm² (6491X)
- B** 3-core 1.5mm² flex cable (3183Y)
- D** Class E (CAT6) U/UTP

* The ZAN1055 aerial is also available with thicker cables as follows:
ZCAB54-M with 10 metres of 50 Ohm low loss communication coax cable.
ZCAB53-M with 15 metres of 50 Ohm low loss communication coax cable.
ZCAB52-M with 20 metres of 50 Ohm low loss communication coax cable.

IMPORTANT Please make sure you also have a copy of the NACD Full Legend document.