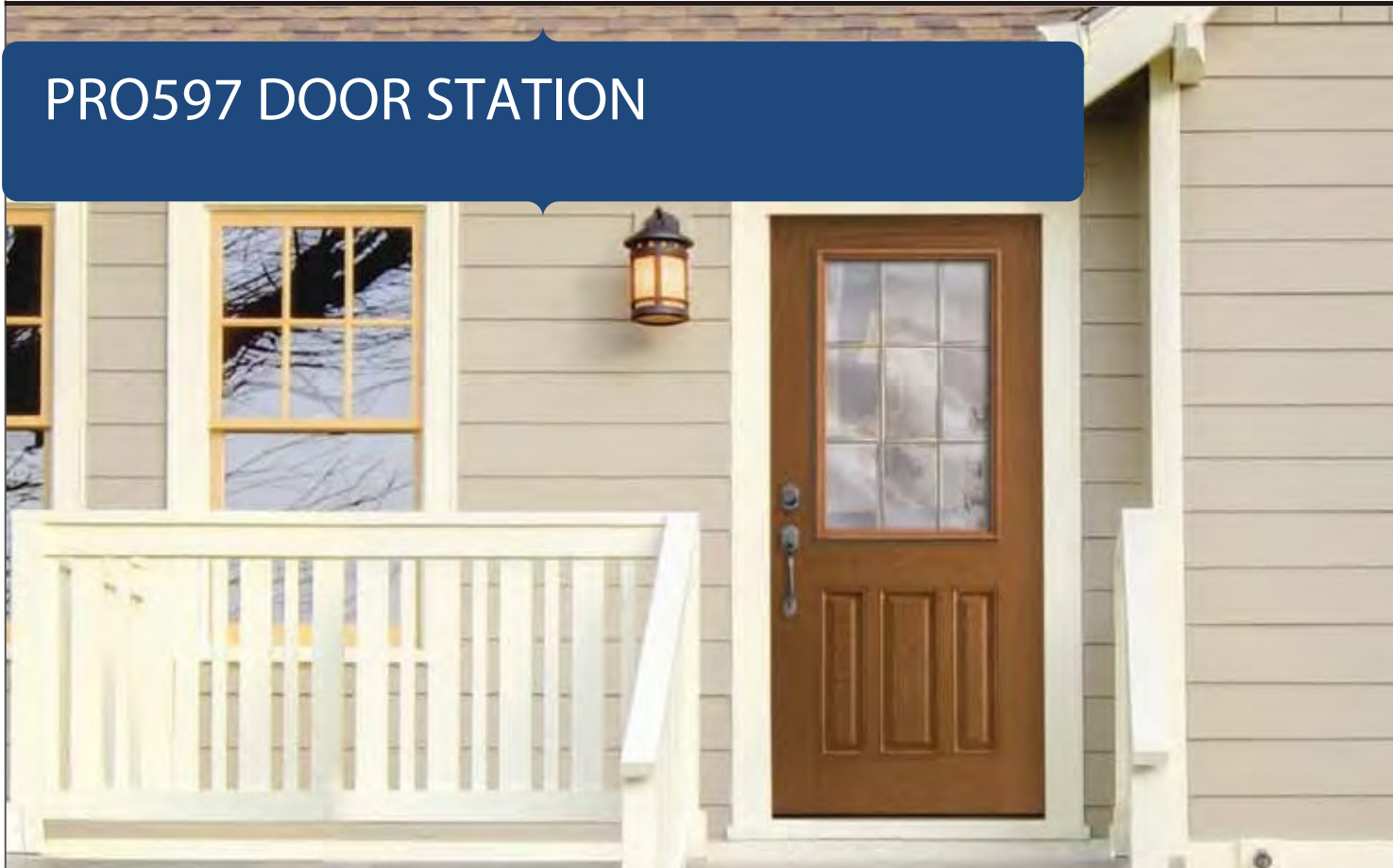


PRO597 DOOR STATION



Flush Mounted Entry Panel

Colour video entry flush mounted panel with high resolution wide angle camera
Elegant brushed stainless steel finish

Features

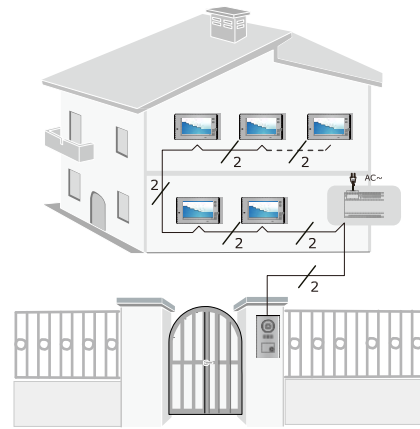
- Anti-rust medical S316 stainless steel design
- High resolution wide-angle ARS-105° camera
- Adjustable 420TVL camera
- Ingenious LED illumination
- Name plate with backlight
- Metal call button
- Conversation inductor
- Excellent water proof performance(IP55)
- Flush mounting or surface mounting



UNIT2 173-181 ROOKS RD VERMONT VIC
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2 Wire System Application

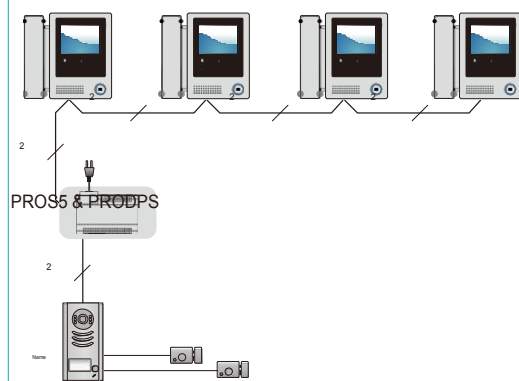


Cable and Distance

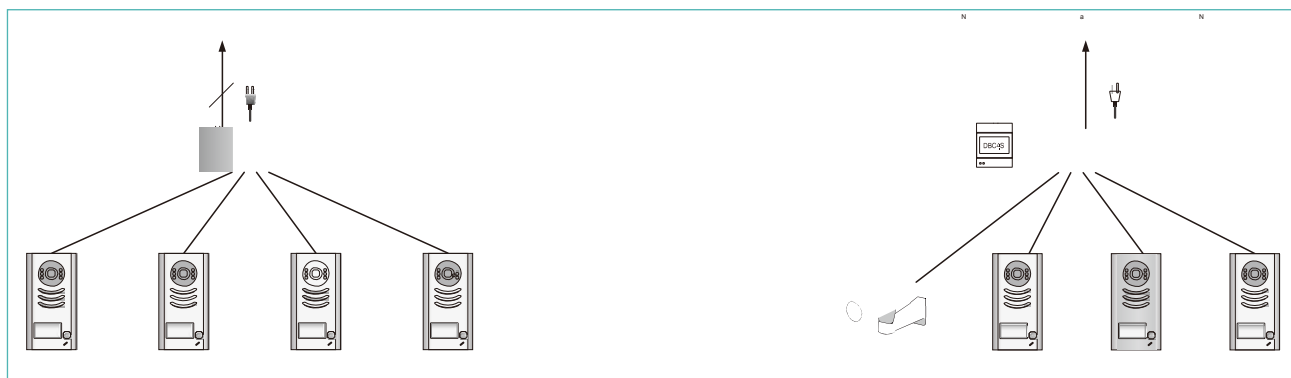
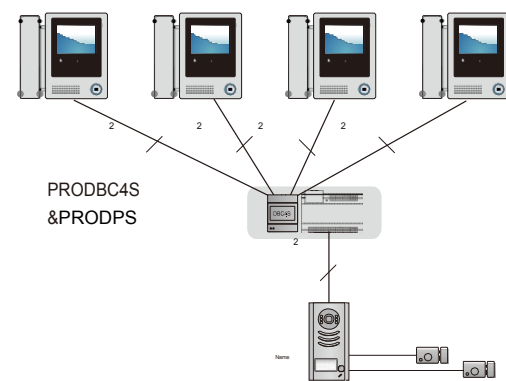
Cable	A(m)	B(m) 2 IM	B(m) 16 IM
CAT5 Cable (Combined)	40	80	—
Pair Cable (Parallel) 2X0.75 mm ²	30	50	—
Twisted Cable 2X0.75 mm ²	60	100	40
Twisted Cable 2X1.0 mm ²	80	120	60

Extending Monitors(up to 16)

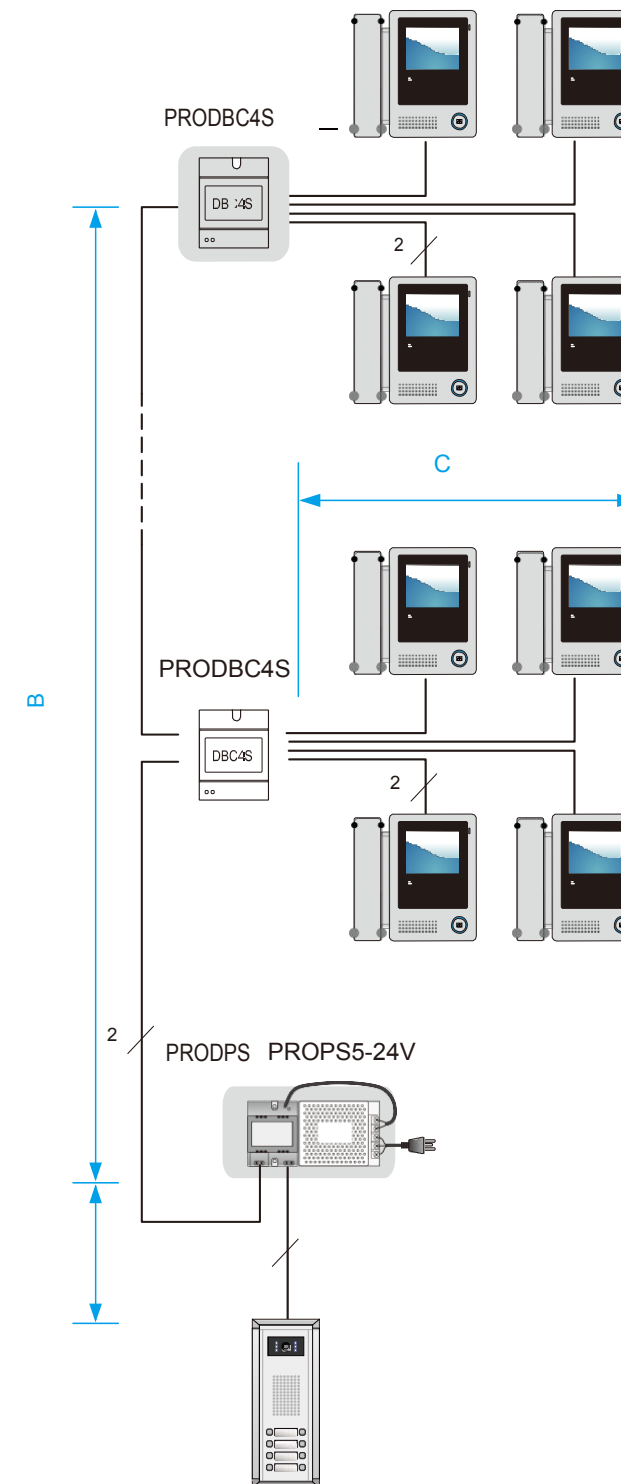
In-Out topology:



Star topology:



Connection Diagram



Cable and Distance

The maximum distance of the wiring is limited in the Challenger Pro system. Using different cables may also effect the maximum distance of the system can reach.

When Monitor Quantity < 20

Cable Usage	A	B	C
Twisted cable 2x0.75mm ²	60	60	30
Twisted cable 2x1 mm ²	80	80	40

When Monitor Quantity > 20

Cable Usage	A	B	C
Twisted cable 2x1 mm ²	70	30	20
Twisted cable 2x1.5 mm ²	70	50	30

Cables should be non-shielded! Twisted pair cable is recommended, ofr maximum distances and performance