

System expansion interface

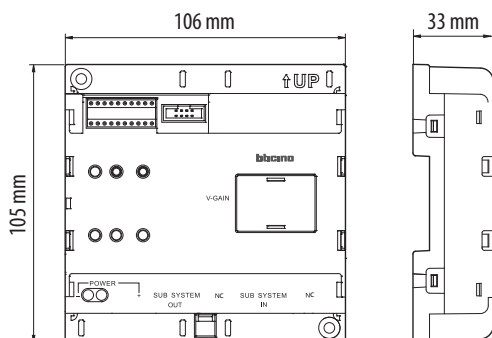
Description

D45 System interface device used to extend the riser system when there are more than the limit of 400 handsets on the riser. The interface allow to increase this limit to 800 handsets. Device is also used to adjust video gains and improve video transmission quality on long distances. DIN RAIL installation.

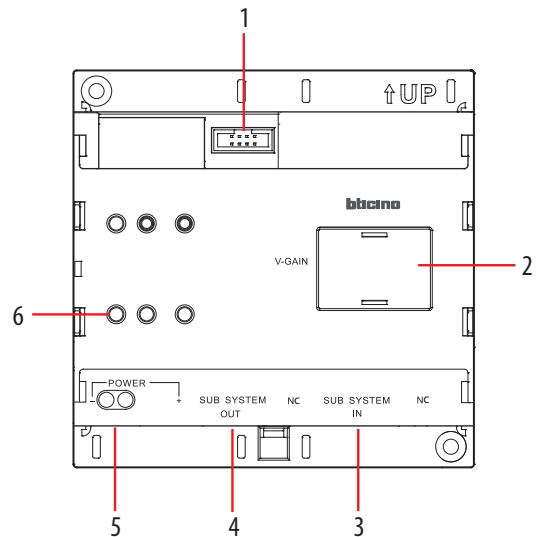
Technical data

Power supply: 30 Vdc
 Stand by current absorption: ≤ 50 mA @ 30 V
 Max. operating current absorption: ≤ 80 mA @ 30 V
 Stand by power consumption : 1.5 W
 Operating power consumption : 2.4 W
 Operating temperature: (-10)-(+40)°C

Dimensional data



Front view



Legend

1. Serial port interface for device firmware update
2. Video gain setting DIP SWITCH
3. RJ45 SUB SYSTEM input connector - connect to floor shunt
4. RJ45 SUB SYSTEM output connector - connect to floor shunt
5. Power supply input connector (30 V)
6. Power supply LED indicator

Video gain setting



DIP switch setting instruction

	Distance	1	2	3	4
COLOUR SIGNAL	0 – 300 m	OFF	OFF	OFF	OFF
	300 – 700 m	ON	OFF	OFF	OFF
	700 – 1000 m	ON	ON	OFF	OFF
B/W SIGNAL	1000 – 1500 m	ON	ON	ON	OFF
	1500 – 2000 m	ON	ON	ON	ON