

Datasheet

**Built-in loudspeaker and expansion panel for
integrating in Scantron doorstation Serie 410/510/610**



IBH1

IBH1	
Functions and features	
Number of push buttons without expansion panel	Max. 16 (4 x 4 matrix)
Number of push buttons with expansion panels	Max. 208
Voice transmission	Duplex and hands-free communication (simplex if activated)
Communication time	56 s (adjustable)
Door standby time	56 s (adjustable)
Door release time at R-terminal	4 s (adjustable)
Acknowledgement tone	When pressing the bell button
Light switch function	At any free push button
Serial numbers per push button	2
Commissioning and parameters	
Error indication	Optical and acoustical
Plug-in memory	Changeable
Configuration options	Manually, with Service Device or Software Configo™
Manually adjustable parameters	Volume voice output, volume of acknowledgement tone and push button configuration
Parameters adjustable with Service Device	Light switch function, communication time, door standby time, door release time, change AS-address, block, choice of acknowledgement tone, push button configuration
Parameters adjustable with Software Configo™	Light switch function, communication time, door standby time, door release time, change AS-address, block, choice of acknowledgement tone, push button configuration
Initial setup (connect doorstation button with indoor station)	With Service device or Manually
Technical data	
Signal transmission and power supply	Polarity-free and short-circuit protected 2-wire BUS
Wiring technique (number of wires)	3 (a, b, P)
Additional terminal	R (for extended function door release)
Power supply	24 V DC
Input current I(a)	I(a) = 0.2 mA
Input current I(P), standby	I(P) = 3.00 mA
Input current I(Pmax), max.	I(Pmax) = 24.3 mA
Mixed installation with audio and video in a system	Possible
Compatible with access control and Nova Software	Yes
Acceptable ambient temperature	-25 to + 55 °C



Expansion panel for IBH1

Housing	
Mounting	For built-in mounting in doorstation
Size	67 x 68 x 38 mm
Length of microphone cable	250 mm
Material	Plastic, black
Weight	116 g

Expansion panel for IBH1	
Functions and features	
Number of push buttons	Max. 32 (8 x 4 matrix)
Maximum number of expansion panels	6
Housing	
Mounting	For built-in mounting in doorstation next to IBH1
Size	56 x 88 x 30 mm
Length of IBH1 connection cable	220 mm
Material	Plastic, black
Weight	55 g
Acceptable ambient temperature	-20 to + 50 °C