ELVOX®

Engineering Data

8100 SERIES COMPACT SURFACE MOUNT AUDIO AND AUDIO-VIDEO ENTRY PANELS

The Elvox® 8100 Series Compact Surface Mount Panels are designed to be durable and aesthetically pleasing. Multiple 8100 units can be combined into audio or audio-video panels of virtually any size. The 8100 Series is constructed of an extruded aluminium plate and ABS plastic backbox. The 8100 Series is rated for indoor and outdoor use in both audio and audio video applications. A built in backlit name tag is provided with each apartment ring push-button. The backlight also illuminates a ring around each push button. The 8100 accepts 930 series speaker mics and 559A-559B-561Acamera/speaker/mic modules.

General Information	Specifications	
♦ **Weather resistant**	**Call Origination:**	Stainless steel switches
♦ **Surface mount**	**Speaker/Mic:**	930A - 930C - 930D - 930F
♦ **Stainless steel apartment push button switches.**	**Camera:**	559A -559B -561A
♦ **Long life LED backlight for nametags and push buttons**	**Push-buttons:**	Solid push buttons.
	Mounting:	Surface mount
♦ **Backlit push button name tags**	**Construction:**	Cast aluminium
♦ **Extruded aluminium construction**	**Directory:**	Lexan covered backlit name tag
♦ **Accepts 930A-930C-930D-930F Series Speaker/mic**	**Camera Aperture:**	Clear lexan window with frosted diffuser for infrared illuminators
♦ **Accepts 559A-559B-561A Series Camera module**	**Dimensions:**	101mm W x 200mm H x 38mm D

8100 Series Compact Surface Mount Audio And Audio-Video Entry Panels

Architects and Engineers Specification

The Entry panel shall be designed to be durable and aesthetically pleasing. The entry panel shall be constructed of extruded aluminium with plastic back frame. A built in backlit name tag shall be provided for each push button. Each push button shall have a translucent surround to allow the backlight to illuminate it. The panel shall accept the 930A-930C-930D-930F speaker mic or 559A-559B-561A camera module to match the system specified. Multiple panels can be mounted next to each other to increase the capacity of a system. The 8100 Series Panel shall be low profile surface mounted.

8100 Series

RAYTEL SECURITY SYSTEMS

Rev 1.0

Form ED8100

Panel Configurations

8190 **8T90**	**8191** **8T91**	**8192** **8T92**	**819D** **8T9D**	**8194** **8T94**

8100	**8101**	**8102**	**8103**	**8104**

8112	**8114**	**8116**	**8118**

8151	**8152**	**8153**	**8154**	**8155**

8156	**8157**

8162	**8164**	**8166**	**8168**	**8170**

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8172	**8174**
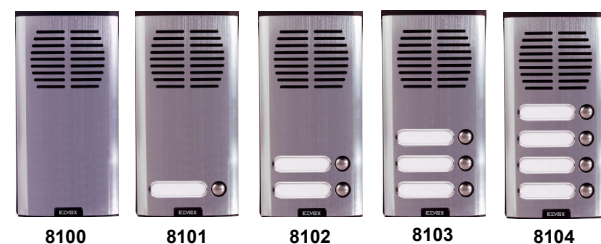
VIDEO PANELS

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8190/ 8T90	0 button panel for monochrome/color video
8191/ 8T91	1 button panel for monochrome/color video
8192/ 8T92	2 button panel for monochrome/color video
819D/ 8T9D	2 button panel for monochrome/color video
8194/ 8T94	4 button panel for monochrome/color video

AUDIO PANELS

8100	0 button panel for audio system
8101	1 button panel for audio system
8102	2 button panel for audio system
8103	3 button panel for audio system
8104	4 button panel for audio system
8112	2 button panel for audio system
8114	4 button panel for audio system
8116	6 button panel for audio system
8118	8 button panel for audio system
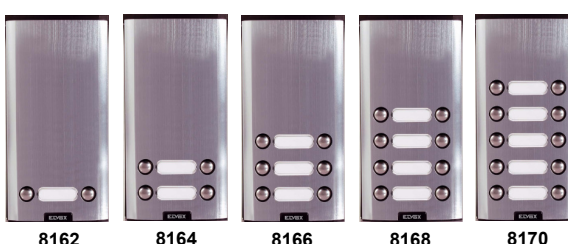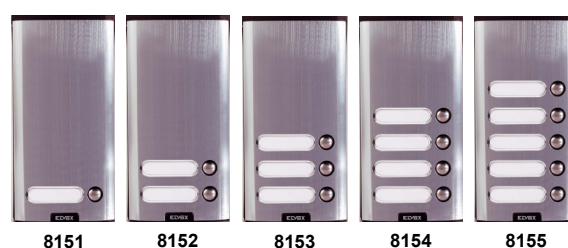
BUTTON ONLY PANELS

8151	1 button extension panel
8152	2 button extension panel
8153	3 button extension panel
8154	4 button extension panel
8155	5 button extension panel
8156	6 button extension panel
8157	7 button extension panel
8162	2 button extension panel
8164	4 button extension panel
8166	6 button extension panel
8168	8 button extension panel
8170	10 button extension panel
8172	12 button extension panel
8174	14 button extension panel

DIMENSIONS (mm)

200

101

38
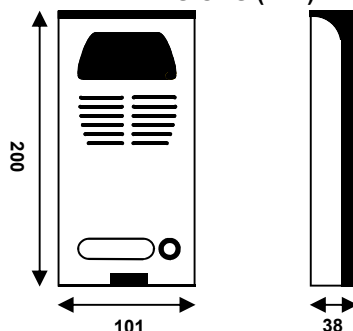
COMPATIBLE ELECTRONICS

AUDIO PANELS

930A	Speaker/mic 5 wire
930C	Speaker/mic 5 wire
930D	Speaker/mic 2 wire
930F	Speaker/mic

VIDEO PANELS

559A	B&W Camera/Speaker/Mic
559B	Colour Camera/Speaker/Mic
561A	Non Coax B&W Camera/Speaker/Mic