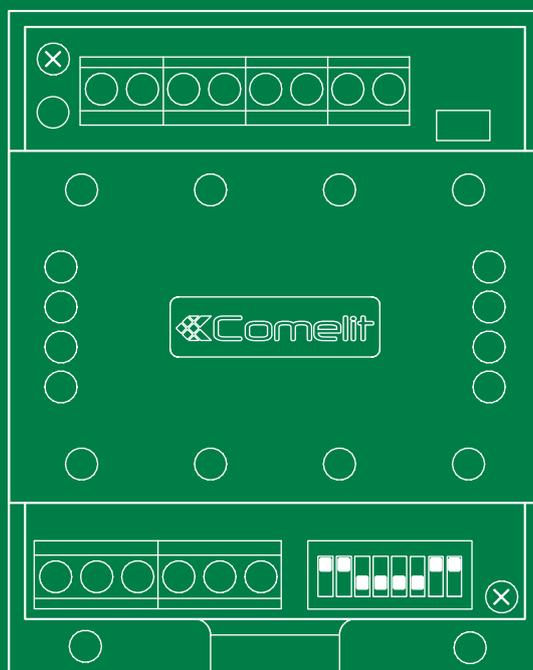Module for SBTOP remote camera module
Art. 1259C

Comelit®
Passion. Technology. Design.

Warning

Intended use

This Comelit product was designed for use in the creation of audio and video communication systems in residential, commercial or industrial settings and in public buildings or buildings used by the public.

Installation

All activities connected to the installation of Comelit products must be carried out by qualified technical personnel, with careful observation of the indications provided in the Manuals / Instruction sheets supplied with those products.

Wires

Cut off the power supply before carrying out any maintenance procedures.

Use wires with a cross-section suited to the distances involved, observing the instructions provided in the system manual.

We advise against running the system wires through the same duct as the power cables (230V or higher).

Safe usage

To ensure Comelit products are used safely:

• carefully observe the indications provided in the Manuals / Instruction sheets

• make sure the system created using Comelit products has not been tampered with / damaged.

Maintenance

Comelit products do not require maintenance aside from routine cleaning, which should be carried out in accordance with the indications provided in the Manuals / Instruction sheets.

Any repair work must be carried out

• for the products themselves, exclusively by **Comelit Group S.p.A.**,

• for systems, by qualified technical personnel.

Disclaimer

Comelit Group S.p.A. does not assume any responsibility for

• any usage other than the intended use

• non-observance of the indications and warnings contained in this Manual / Instruction sheet.

Comelit Group S.p.A. nonetheless reserves the right to change the information provided in this Manual / Instruction sheet at any time and without prior notice.

Description

Module that allows the cyclical management of the video signals from up to 3 cameras on a door entry monitor via a dedicated key. Power supply: 12 V AC or 20 V DC. Can be used in SBTOP systems.
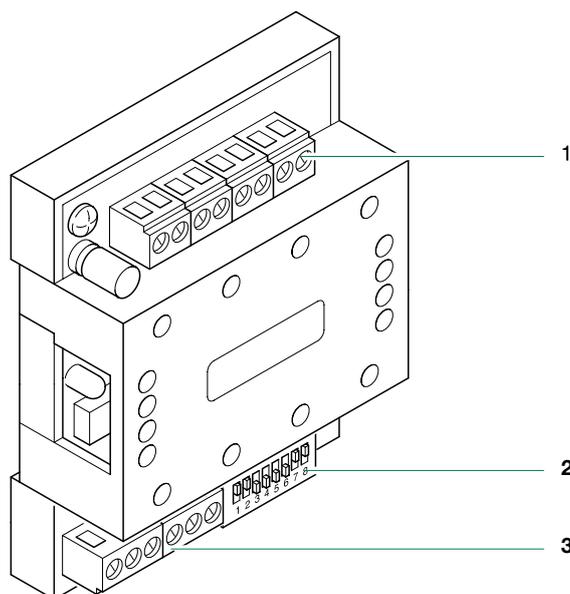
1. Terminal block **MR2** for system connection:
   V1 S1 Coax input camera 1
   V2 S2 Coax input camera 2
   V3 S3 Coax input camera 3
   IN A Camera module external control contact
   GND Common contact

2. Programming microswitches **S1**

3. Terminal block **MR1** for system connection:
   L OUT L OUT BUS line output
   L IN L IN BUS line input
   ~- ~+ 12 Vac 20 Vdc power supply input

Technical features

MAIN FEATURES	
Product height (mm)	85
Product width (mm)	60
Product depth (mm)	35
Operating temperature (°C)	-25 ÷ 40
DIN rail mounted	Yes
DIN modules (no.)	4
Maximum current absorption (mA)	150

COMPATIBILITY	
Simplebus Top audio/video system	Yes

AUDIO/VIDEO FEATURES	
Audio/video system	Yes

Connection

VIDEO ENTRY SYSTEM RISER

CAMERA CONTROL KEY

L OUT	L OUT	L IN	L IN	~ −	~ +		V 1	S 1	V 2	S 2	V 3	S 3	I N A	G N D

1259C

12V~   **230V~**   **1200**

VIDEO ENTRY SYSTEM RISER

\# Requires separate power supply.

4
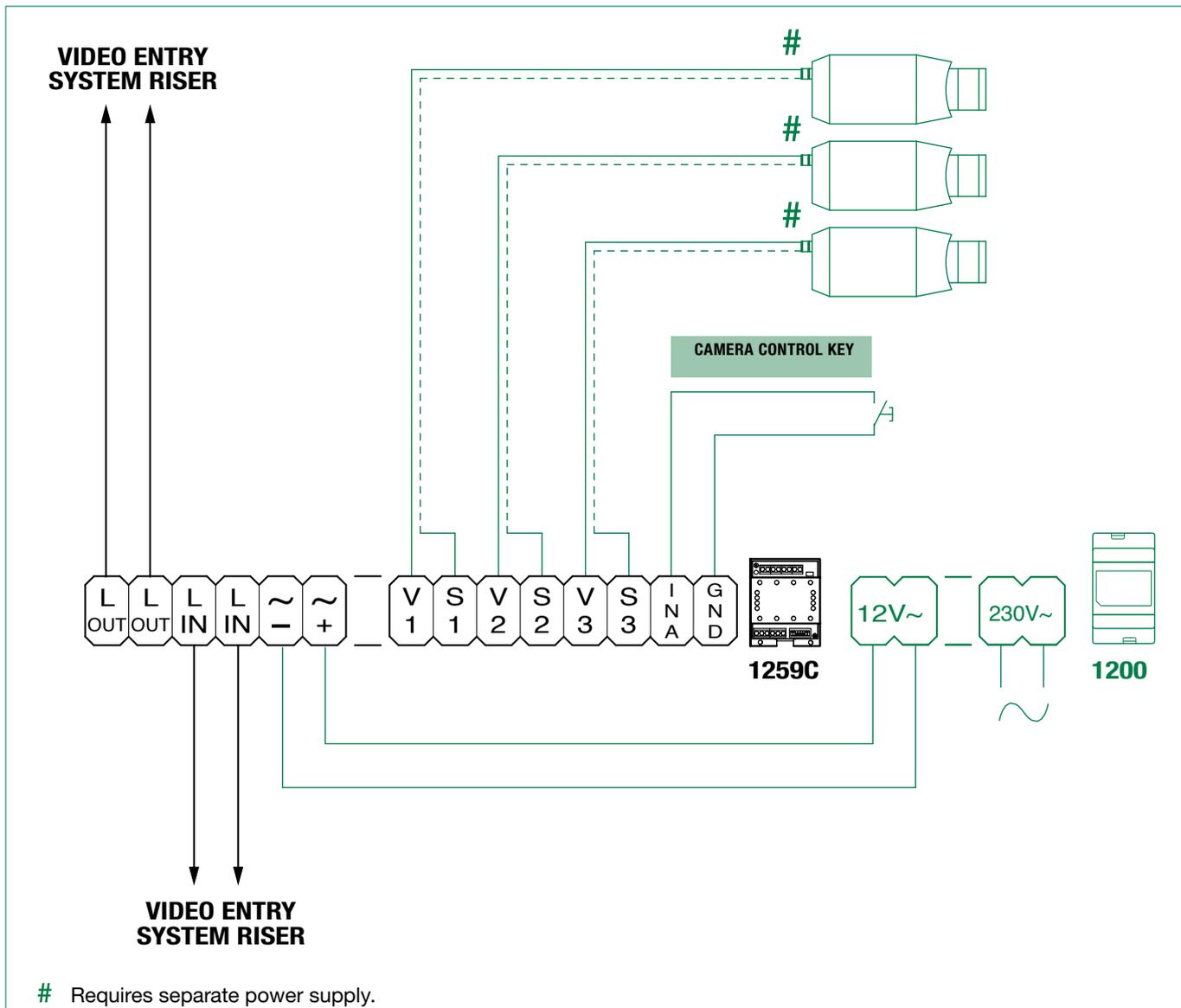
Operation and Programming

Art. 1259C can be used to manage analogue CCTV cameras (up to 3).

Art. 1259C can be used in systems with Art. 4888C in the SB1 section (running from the mixer power supply unit towards the external units).

√ With monitor on

▶ Press the programmed key to cycle through all connected cameras, in accordance with the diagram below. Sequential switching can also be activated using a clean contact (C-NO) connected to the INA – GND input.
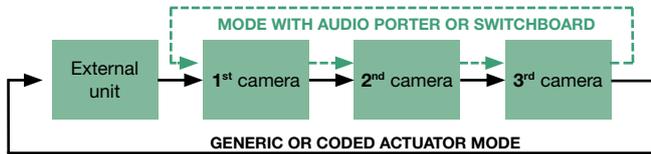
Default configuration

MODES	DIP 1	DIP 2	DIP 3	DIP 4	DIP 5	DIP 6	DIP 7	DIP 8
Actuator coded to address 5 (actuator code on monitor 225) with 3 cameras connected	ON	OFF	ON	OFF	ON	OFF	ON	ON

Programming the number of cameras connected

▶ Set the number of cameras connected using dip switches 7 and 8, as shown in the table below:

		DIP 7	DIP 8	
		0	0	
		1	0	
		0	1	
		1	1	

1. Generic actuator mode

ⓘ *Before programming the module, see* **"5. Compatibility table for Art. 1259C".**

In this mode and with the door entry phone monitor switched on, it is possible to cycle through all the connected cameras by repeatedly pressing the button programmed as **"generic actuator"**.

▶ Microswitch **"S1"** must be set as illustrated below.
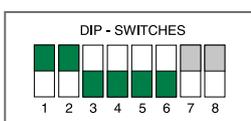
2. Coded actuator mode

ⓘ *Before programming the module, see* "5. Compatibility table for Art. 1259C".

In this mode and with the door entry phone monitor switched on, by repeatedly pressing the button programmed as "**coded actuator**", it is possible to cycle through ONLY the cameras connected to Art. **1259C** with the corresponding address.

▶ To activate the function, program the button on the monitor as coded actuator (with address between 220 and 227 inclusive) and set selector "**S1**" as illustrated in the table below:

S1						1259C address-coded actuator correspondence	
DIP 1	DIP 2	DIP 3	DIP 4	DIP 5	DIP 6	Address 1259C	Actuator code on monitor
1	0	0	0	0	0	0	220
1	0	1	0	0	0	1	221
1	0	0	1	0	0	2	222
1	0	1	1	0	0	3	223
1	0	0	0	1	0	4	224
1	0	1	0	1	0	5	225
1	0	0	1	1	0	6	226
1	0	1	1	1	0	7	227

Up to 8 modules Art. 1259C with 8 different codes can be installed in the same system.
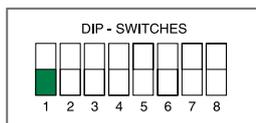
Example for setting address on Art. 1259C for control by means of actuator code 224
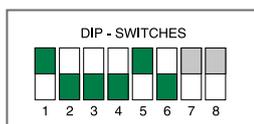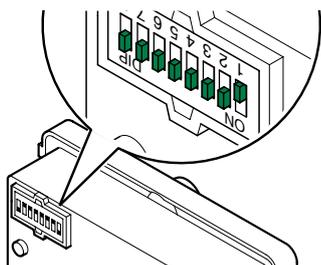

3. Mode with external audio unit

Generic/coded actuator modes can also be used on a system which includes an audio-only external unit **Art. 1622**.
For operation with "audio only" external unit:

1. set DIP 1 of selector "**S1**" as illustrated below:

2. set the external unit to video mode as shown in the picture below:

In this mode, every time a call is received from the external unit or when self-ignition takes place, the monitor switches on and displays the image from the first camera connected to Art. **1259C**. It will be possible to cycle through all cameras connected by repeatedly pressing the programmed button.

4. Mode with switchboard 1998A -1998VC

Generic/coded actuator modes can also be used on a system which includes Video calls from switchboard.
In this mode, every time a video call is made from the switchboard, the monitor switches on as soon as the handset is lifted (or the audio button is pressed), and the image displayed will be the one from the first camera connected to **Art. 1259C**.
At this point, each time a control button is pressed (see **generic**/**coded actuator modes**) or each time the manual contact is closed (available by connecting the INA-GND contact to the OUT-OUT terminals of the switchboard), you will be able to cycle through all available cameras.

▶ To use this function, the remote camera module must be connected to the outgoing Bus line from terminals **LM-LM** of the switchboard, and the switchboard set to "**Video mode**" before the call.

5. Compatibility table for Art. 1259C with 1256 or other 1259C units

	Generic actuator mode	Coded actuator mode
Compatibility with 1256	No. 1256 units in generic actuator mode	No. 1256 units in coded actuator mode with codes between 220 and 227
Compatibility with Art. 1259C	No other 1259C in generic actuator mode	1259C only in mode 2 with 8 separate codes

System performance and layouts

For further information of system performance and to view installation layouts, click on the type of system that best meets your needs :

• **SBTOP audio/video system** for the creation of audio-video systems for *residential complexes.*

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