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Instruction manual

sky™

Video indoor station with digital 8.9 cm (3.5")
TFT display for surface-mount, in anodised
aluminium

IVW2221

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Congratulations to your new
video indoor station with optional external image buffer!

navigation button DOWN

menu button

navigation button UP

digital 8.9 cm
(3.5") TFT

loudspeaker

microphone

speech button

function key

image button

call OFF button

🟢 green ON	→	incoming door call or internal call
	→	active voice communication
🟢 green blinks	→	busy speech and video channel
	→	newly stored image
🔴 red ON	→	ring tone is switched off, incoming call is not signalled acoustically
🔴 red blinks	→	additional functions activated
		see configurable functions

🔴
red LED
indication call OFF, additional function
activated

🟢
green LED
indication incoming call, speaking
activated,

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Operation

A ring tone signals an
incoming call.
🟢 The green LED is ON.

🔊
Speaking
Shortly press the speech button to accept the call or longer than 1 second to switch on
simplex communication during the voice communication.
🟢 The green LED is ON.

Shortly press again the speech button or the blue door release button to end the call.
Ends the communication after 4 seconds.
Automatic call cut OFF after 2 minutes.

🔑
Door release
Preset ex works 4 seconds.

🔔
Switch off the ring tone
Press the call OFF button. When a call comes in, no acoustic signal sounds.
🔴 The red LED is ON.

⭘
Swicthing lights / internal
calls / additonal functions
Shortly press the function key to switch the lights, to call another indoor station or to
(de-)activate the call diversion resp. door release automatic.
Switching lights is preset ex works, otherwise
a configuration will be necessary, see
configurable functions

▢
Switch an image
Shortly press the image button to show the image of the front-door station on the display.
also see additional functions

▭
Menu
This button is used to set image and ring tone parameters.
see page 5 and 6

⌃ ⌄
Navigate the menu
These buttons are used to set image and ring tone parameter.
see page 5 and 6

Setting the video image

The display

The fade-in of the video images is realised immediately after pressing the image button ⬚ or after receiving a door call.

Optional, the speech button can be pressed in order to receive noises in addition to the video image when in stand-by mode (speaking and video off).

The fade-in of the symbols in the video image is realised automatically.

If the speech button was pressed, the fade-in of the symbols is already finished after 3 seconds.

🔕	ring tone mute	✊ 05	image of the camera or video front-door station no. 05
→ 🔔	call diversion activated or	📷	image buffer activated
🔑 🔔	door release automatic activated		
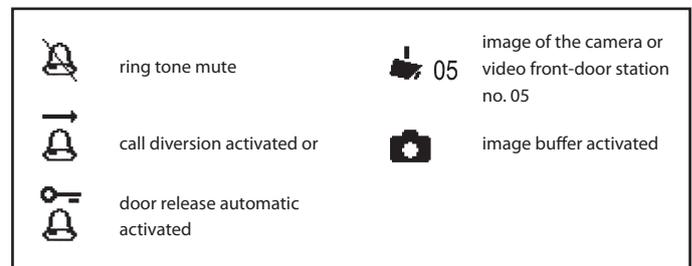
Setting of the display

The setting of contrast, brightness, color intensity and conversation volume is realised quickly and easily in the symbol menu of the display when in stand-by mode (speaking and video off).

1. Shortly press the image button ⬚. The image of the video front-door station appears on the display.

2. Shortly press the menu button ⬚. The menu for settings is faded-in.

3. Shortly press the menu button ⬚ again to switch over to the next parameter.

4. Shortly press the navigation button UP ⌃ or DOWN ⌄ to change the parameter value. The change is visible immediately in the video image.

5. The menu is switched off automatically after 10 seconds, if no button is pressed. Or: Shortly press the function key ⭕ to switch off the menu.

◐	contrast
☀	brightness
🎨	color intensity
🔊	conversation volume*
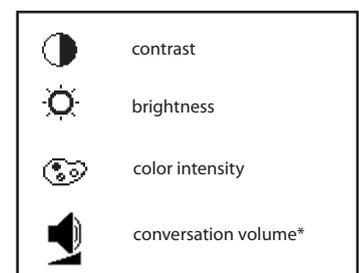
*adjustable only during the communication

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Your settings in the OSD menu

Setting ring tone volume and ring tones

The setting of ring tone volume and the selection of the required ring tone is realised quickly and easily in the symbol menu of the display when in stand-by mode (speaking and video off).

1. Shortly press the menu button ▭. The main menu is called up.

2. With the help of the navigation buttons UP ⌃ or DOWN ⌄ the menu ring tone parameter can be selected. Confirm the selection by pressing the menu button ▭ again.

3. You are now in the menu ring tone parameter. With the navigation buttons UP ⌃ or DOWN ⌄ the required ring tone can be selected.
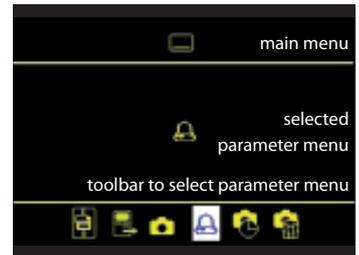
When selecting a ring tone, the ring tone sounds immediately.

When selecting the communication volume, the actual ring tone sounds immediately in the selected volume after the change.

The menu is switched off automatically after 10 seconds if no button is pressed. Shortly press the function key ◯ to switch off the menu.

selected parameter menu

selected parameter

	control function*		date / time external image buffer		ring tone volume			
	internal call*		delete external image buffer		ring tone volume for door calls		ring tone selection for sub ring tone 1, 2, 3, 4	
	external image buffer		* symbol appears only after configuration, not in factory setting		ring tone selection for floor door calls			
	ring tone parameter				ring tone selection for internal calls			

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External image buffer

Setting date and time

The setting of date and time for stored images in the external image buffer is realised quickly and easily in the OSD menu of the display when in stand-by mode (speaking and video off).

1. Shortly press the menu button ⬚. The main menu is called up.

2. With the navigation buttons UP ⌃ or DOWN ⌄ select the symbol image buffer setting menu. Confirm the selection by pressing the menu button ⬚ again.

3. The menu to set the image buffer appears. The white-backlit number can be changed with the navigation buttons UP ⌃ and DOWN ⌄. With the menu button ⬚ you can forward to the next position.

4. If setting the date is finished, pressing the menu button ⬚ again calls up the time setting. Proceed as described in the date setting.

5. By pressing the menu button ⬚ again the menu is deactivated and the settings are stored in the image buffer.
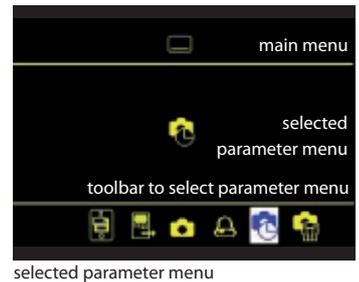
selected parameter menu
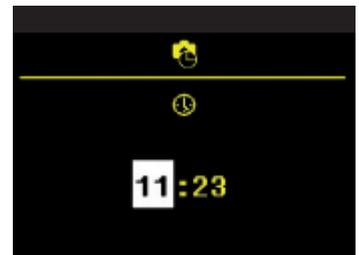
Store images

Store images automatically and manually

In connection with an external central image buffer FVM1000-0400 up to 64 images can be stored.

Store an image automatically

Activate the automatic image recording by pressing the menu button ⬜ longer than 4 seconds. An acknowledgement tone sounds. The main menu is faded-in for 3 seconds, the symbol image buffer changes from red to green. The automatic image recording is activated.

When receiving a door call, an image is stored automatically.

If images were stored that have not yet been seen, the green LED 🟢 blinks.

With the shortcut function you can view the stored image immediately. Thus, shortly press the menu button ⬜.

Press the menu button again longer than 4 seconds, an acknowledgement tone sounds and the main menu is faded-in for 3 seconds. The symbol image buffer changes from green to red, the automatic image recording is deactivated.

Store an image manually

Press the navigation button UP ⬜ when the camera image is activated. A snapshot of the camera image is taken and the image is stored in the image buffer. To confirm the storing an acknowledge ment tone sounds. The image is stored in the image buffer.

If images were stored that have not yet been seen, the green LED 🟢 blinks.

Image buffer

Call and delete images

View stored images

If the image buffer indication blinks green, new images were stored at an incoming door call

1. Press the menu button ⬚ to display the image of the image buffer.

2. Browse through all new stored images with the navigation buttons UP ⌃ and DOWN ⌄.

Alternatively select the image buffer via the menu (when images have been already seen).

3. Press the navigation button DOWN ⌄ for 4 seconds to to delete the image. A short acknowledgement tone sounds. The image is deleted. The image stored before is shown.
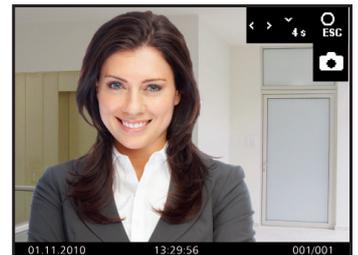
Delete all images

All images can be deleted in the OSD when in stand-by mode (speaking / video off).

1. Press the menu button ⬚. The main menu is called up.

2. With the navigation buttons UP ⌃ or DOWN ⌄ select the symbol delete image buffer. Confirm the selection by pressing the menu button ⬚ again.

3. The menu delete image buffer appears. With the navigation buttons UP ⌃ or DOWN ⌄ select the checkmark.

4. Confirm by pressing the menu button ⬚. Deleting the image buffer can take several seconds, depending on the number of stored images.
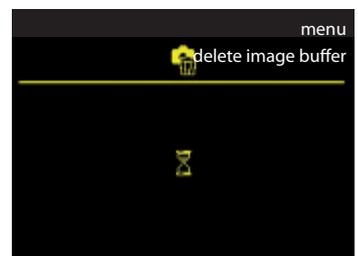
Configurable functions

The following functions can be configured at your video indoor station and for the use of further indoor stations. Therefore please contact your qualified electrician.

Switching lights, internal call, call diversion and
door release automatic can be used only
alternatively.

Call indoor stations (internal call)*

To call antother indoor station, shortly press the function key ⬭. A short acknowledgement tone sounds, if the call has reached its call destination.
When accepting the call at the called device, a voice communication is established.

* max. 1 call destination

More than one further indoor station

In case of more than one further indoor station (max. 10) the call destination is selected over the main menu and called by pressing the menu button ⬭. An acknowledgement

If the call is accepted at the called device, another acknowledgement tone sounds and the voice communication will be established.

Receive internal calls

Press the speech button ⬭ a voice communication is established.
🟢 The green LED is ON.

If your video indoor station receives an internal call from a known indoor station, the name of this indoor station is shown*.

* configuration by a qualified electrician is needed

Send internal calls over the menu internal

indication of internal caller in the menu

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Send control function

If control functions (max. 10) are programmed, those can be (de-)activated in the menu control function. The switching modes of the control functions (ON/OFF) are indicated by colored points (red/green).

(de-)activate control functions
in the menu control functions

Call diversion

The incoming call is diverted to a second indoor station.
Shortly press the function key ⬭ → activated.
🔴 The red LED blinks.
Shortly press the function key ⬭ again → deactivated.

A call cannot be diverted to all TCS indoor stations.
The diverting indoor station is not signalling the diverted call.

Open the floor door

If the floor push-button at the floor door is pressed, the floor door can be opended with the blue door release button (instead of the front-door) within 30 seconds.

Door release automatic

An incoming door call directly effects the opening of the door if this function is activated.
Shortly press the function key ⬭ → activated.
🔴 the red LED blinks.
Shortly press the function key ⬭ again → deactivated.

Switch lights with the
door release button
if no voice communication is established

Parallel call

A second indoor station sounds together with the first one in case of an incoming door, floor or internal call. The ring tone sounds at both indoor stations.

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Additional functions

Video surveillance

Shortly press the image button ⬚ to show the image of the front-door station on the display. By pressing the button again, further cameras can be selected.

Error indication

If the two LEDs 🔴 🟢 flicker continously and shortly and if there are beep tones when pressing the buttons, there is an error at the device or within the system.
Please inform your qualified electrician.

Cleaning

Clean the device with a dry or slightly moist cloth.
Remove stronger soillings with a mild household cleaner.

Avoid water from entering the device! Do not use any abrasive detergents!

Information on disposal

The adjoining sym-bol shows, that the device has to be disposed separately from domestic waste. The materials used are recyclable. Please do help protecting our environment and dispose the device via a collection point for electronic scrap.