DSE
make things clear

SD-CON2
USER MANUAL

Description

The SD-CON2 control console is used to control and configure cameras speed domes with command via RS485 serial line and different types of protocol.

Installation

The console communicates with the cameras through the RS485 BUS, for which the first thing to do is connect the console to the BUS. To do this connect a twisted pair to the terminal block of the console in the output OUT RS485 (A2 B2). At the other end of the cable will be connected in cascade cameras. Once the connection is made in the food BUS the console with the 12VDC power supply provided.

Settings

🔴 **SETTING THE PARAMETERS OF THE BUS.**

Before you can use the console it is necessary to program the communication parameters so that they are consistent with those set on the cameras.
E 'essential that all devices connected to the BUS using the same protocol and the same communication speed (Baud Rate). For setting up ii protocol communication and its speed must you use commands F1 + 61 + ON and F1 + 62 + ON by referring to the data shown in the table below.

PROTOCOL	BAUD RATE
PELCO-D	2400
PELCO-P	9600
PELCO-P	4800
VIDO-BO1	9600
LILIN	9600
ALEC	4800
HD600	9600
TOTA	4800
KALATEL	4800
VCLDOME	9600
redapple	9600
HTSCAM	9600
SAMSUNG	9600
SANTACH1450	9600
SANTACH1650	9600
VICON	4800

With the commands F1 + 61 + ON will It refers to the protocol and with the WIDE and TELE buttons scrolls through the various available protocols, and then press the ENTER key to select the correct protocol. With the commands F1 + 62 + ON will invokes the BAUD RATE and with WIDE and TELE keys to scroll through the available values, and then press the ENTER key to select the value of BAUD RATE chosen.

🔴 **TO SELECT THERE CAMERA.**
Now you need to select the camera address to be controlled.

to press the Key CAMERA, then type the address that you have set in the camera via the microswitches (eg. 1), then press the ENTER key. All commands from this point forward you will work will only affect this camera.

Keyboard

The keyboard consists of the following commands:

🔴 **0-9** - The 0-9 buttons are used to enter numeric values.

🔴 **ROOM** - allows of select the camera. Enter the camera address (0 to 255) and press ENTER.

🔴 **MOVEMENT WITH JOYSTICK.**
If you have selected a camera you can comandarne Pan / Tilt movements with the joystick.

🔴 **TELE / WIDE.** These buttons allow you to control the camera zoom making the recovery focused (TELE) or wide-angle (WIDE). It is also possible control the zoom by rotating the knob of the joystick to the right or left.

🔴 **CLOSE / OPEN.** These buttons allow of close / open manually the diaphragm (iris) of the camera. It 'possible that this command has no effect if the camera settings (see program below) not provide there manual iris adjustment.

🔴 **NEAR / FAR.** These buttons allow to manually adjust the focus (FOCUS) of the camera. E 'possible that this command has no effect if the camera settings (see programming below) do not provide there regulation manual focus.

🔴 **ON / CALL / ENTER** - Allows confirm the values set or start the function

🔴 **OFF / AUTO / EXIT** - Cancel the insertion or exits the function

🔴 **F1** - Access to special functions setting

🔴 **ROOM** - Select there camera to be controlled

🔴 **PRESET** - Setup the camera presets (see below)

🔴 **CALL** - Recalls a prepositioning (to see in following)

🔴 **OTHER KEYS** - The other keys not described in this section have no function at the moment and will be available for future implementations

presets

A pre-positioning (also called in English PRESET) is a predefined scan position that can be stored in the camera and that can be recalled quickly from the keyboard or inserted in automatic recovery sequences. Every camera speed dome generally it allows to store a high number pre-placements.

🔴 **SET A PRESET.** To set shot choose default the correct

the camera position and the right angle zoom. When you are satisfied

the frame

press the PRESET key, enter the PRESET number (0 ... 255) and press the ENTER key. The

prepositioning   it will come

stored. Consult your camera manual to see how many and which presets can be used.

⭕ **DELETE A PRESET** To cancel

a   PRESET

previously set press PRESET, type the PRESET number and press the OFF button.

⭕ **RECALLING A PRESET**

Once a preset set you can call the shot by pressing the CALL button, typing the PRESET number and pressing the ENTER key. The camera will rotate

immediately   until

to reach   the framing

preset.   Self   the   PRESET

recalled   not   is   state

preventively   set to   there

camera will not move.

⭕ **PRESET   OF   SYSTEM**

In the program the presets, consult the camera manual to check what are the presets available to the user and which are

instead   used   for

The camera specific commands. For example in cameras SD series is not possible to assign the preset 34 in that it is intended to bring the camera into a factory rest position.

The SCAN function - TOUR - MENU

The   cameras   Speed   dome

have   of   programming

advanced which can be controlled via on-screen programming menus. They can also perform automatic sequences of displacement. The SD-CON1 console being for use

generic   with   any

camera does not have keys to call these commands that are specific according to the type of camera.

E 'can usually activate these functions

calling   appropriate

System presets. Consult the manual of

camera

further information.

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