DIGITAL EXTRA DUOX VIDEO CITY PANEL

Reference: 7387

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Calling...

DESCRIPTION

The **Duox display module** allows searching and viewing the neighbour listing (electronic directory) using the browsing buttons (arrow keys). It also informs about the communication status.

Calling a home can be done in two ways:
- by entering the corresponding code assigned to a home + the 'bell' key.
- by searching the user in the electronic directory (browsing buttons) and, once found, pressing the 'bell' key.

The browsing buttons also allow navigating in the program menu.

New Cityline Panel:
CityLine is the "continuous profile" outdoor panel line for buildings.

This new panel model is more robust, more luxurious and higher design and functional quality. The new design, in its video entry version, includes audio and video functions in the same module.

Colour aluminium

Dialling keypad.

DUOX System:
this is the first completely digital system in two-wire non-polarized technology. This is the most technologically advanced system in the world, allowing fast installation with just two wires. The most highly simplified and advanced installation system on the market. It maximizes intercom system capacities thanks to digital audio and video transmission.

Duox offers maximum ease of installation, enabling transmission of all signals: power feed, audio, video and data with the highest capacities.

It permits management of
- From 1 to 999,999 apartments:

• Calls from pushbutton panel: 99.
• Calls from keypad panel:
- Sub-block: 99.
- Block: 9999.
- General entry: 999999.

- From 1 to 10 panels:
• Number of panels:
- General entry: 10.
- Block: 10.
- Sub-block: 10.

The maximum distance will depend on the installation topology and cable. See table of sections and distances for more details.

DUOX offers maximum versatility thanks to the stability and strength of signal transmission in this fully digital system which avoids possible feedback and interference in the installation.

The DUOX amplifier includes a voice synthesizer. Operating the lock release issues a message: “door open, close after entry”.

Up to three terminals (telephones/monitors) can be installed in each apartment.

Apartment terminals require simple programming. This programming assigns a call code to each terminal.

Communication is private.

Cables:
Any type of cable may be selected: parallel, twisted pair and UTP CAT5 in new installations; even existing cables in replacement work can be used (5 wires, 2-wire bell or old 4+N wire).
Non-polarized 2-wire.
Please check the sections-distances-terminals-power supply table.

TECHNICAL SPECIFICATIONS

Video
- Resolution: QVGA(320x240 pixels).
- Sensor: 1/3” color CMOS.
- Effective pixels: 1M.
- Minimum external illumination: 0,5 lux.
- SNR >40dB.
- Frame rate 25 fps.
- Auto iris.
- Auto BLC.
- View angle 90º H, 72ºV.
- Color night vision through white led.

Technical specifications of the display:
- Size: 3.5 inches
- Format: 4:3
- Resolution: 320 x 240 pixels
- Colours: 262.000
- Contrast rate: 500/1
- Viewing direction: 12 o'clock
- Luminance (cd/m2): 400 nits
- Viewing angle: 160H / 160V
- Back lighting: 6 LED diodes
- Directory capacity: 10,000 users.
- Supply voltage (through the CN1):
5V input (pin 1) with a 5% tolerance.
PWR input: 12Vdc + 5% (DUOX)
- Total consumption: 88mA +10% (STANDBY); 134mA +10% (TFT ON)
- Operating temperature: -20ºC, 70ºC

- Relative humidity: 5% - 95 %
- Compatible with audio amplifiers V 11.12 and video amplifiers V 11.12.12
Module dimensions.
- Module W: 105.2x95 mm (width-height).

Series 7 Panel.
- Panel measurements: 130x341 mm (width-height):
- Flush-fit box dimensions: 115x328x45 mm (width-height-depth).
- Surface mounted box dimensions: 130x341x33 mm (width-height-depth).

Back lit Duox Display, 3.5" TFT with high brightness for outdoors use that enhances and improves the panel potential.
- Integrated ONE-TO-ONE functions.
- Image viewing.
- Personalised message viewing.
- Directory keys and possibility of using the keyboard in alphanumeric mode.
- Date and time display.
- Combination with press button panels (max. 8 press buttons).
- Possibility to connect Wiegand-26 and Data Clock protocol readers.
- Managed from a PC and connected through RS-485.

Power: 18 VDC

The house call is made by entering the corresponding code assigned to the home + the "bell" key.

Electronic directory: lets you look for the names (home owners/residents) through the display and browser buttons.

Access Control: incorporates access control functions through the numeric keypad by means of keypad codes (programmed previously).

Consumption:
- on standby: 260mA.
- active audio: 580mA.

IPK-437

Audio capacity home-outdoor panel: 2W

Audio capacity outdoor panel-home: 0.15W

Two-way volume control

Operating temperature: -10 to 60 ºC

Weight: 1,284246 kg

Size of product when packed: 36x13,8x7 cm

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