

**UT2020****ULTRA SIMPLEBUS2 AUDIO/VIDEO MODULE**

Audio/video module for Ultra entrance panel, Simplebus 2 system. To be used in systems with power supply art. 1210/1210A. Easy to install and configure, thanks to the smart programming of call buttons. Twilight sensor for automatic nameplate backlight switch-off during daytime hours. Omnidirectional digital microphone and dual loudspeaker for high-fidelity audio. Wide-angle colour video camera (field of vision: 120° horizontal, 90° vertical). Programmable audiovisual functions for users with disabilities. Designed for 2 call buttons. To be finished with cap, single button or double button in professional-grade plastic given an anti-yellowing and anti-dulling treatment or in aluminium. Adjustment and programming can be carried out without removing the module. Dimensions: 1 Ultra module. ULTRA, the new and most technologically advanced entrance panel offering maximum ease of installation. Available in flush-mounting (10 mm protrusion from the wall) or surface-mounting (just 35 mm protrusion from the wall) versions. Dimensions: 100x90x35mm

**AWARDS**DESIGN  
MILANO



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| GENERAL DATA                                              |                                            |
|-----------------------------------------------------------|--------------------------------------------|
| Type                                                      | Modular                                    |
| Width (mm)                                                | 100                                        |
| Height (mm)                                               | 90                                         |
| Depth (mm)                                                | 35                                         |
| Product weight (g)                                        | 350                                        |
| Product color                                             | Aluminium, Black RAL9005, Transparent      |
| Type of finishing materials                               | Polycarbonate, Aluminium alloy             |
| Flush-mounted                                             | Yes, with a dedicated accessory            |
| Wall-mounted                                              | Yes, with a dedicated accessory            |
| COMPATIBLE SYSTEMS                                        |                                            |
| Audio/video Simplebus 2 with power supply art. 1210/1210A | Yes                                        |
| AUDIO FEATURES                                            |                                            |
| Microphone                                                | MEMS audio digital sensor, omnidirectional |
| Loudspeaker                                               | 28mm (Ø), 8 Ohm, 1W (2)                    |
| Technologies implemented                                  | Full-Duplex                                |
| CAMERA FEATURES                                           |                                            |
| Camera                                                    | Colours                                    |
| Sensor type                                               | 1/3" CMOS                                  |
| Lens optical dimensions (mm)                              | 1.79                                       |
| Angle of view (H x V - °)                                 | 120 x 90                                   |
| Sensitivity                                               | 0.45                                       |
| Video resolution                                          | 1288x968                                   |
| ELECTRICAL CHARACTERISTICS                                |                                            |
| Type of power supply                                      | Power supply from video door entry bus     |
| Supply voltage                                            | 33VDC                                      |


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**ELECTRICAL CHARACTERISTICS**

|                            |     |
|----------------------------|-----|
| Absorption in stand-by (W) | 1.5 |
| Maximum absorption (W)     | 6   |

**HARDWARE FEATURES**

|                             |                                                                                                                                               |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Call type                   | Push-buttons                                                                                                                                  |
| Type of buttons             | Mechanical                                                                                                                                    |
| Number of push-buttons (n°) | 2                                                                                                                                             |
| Backlight colour            | White, Off                                                                                                                                    |
| Clamps                      | L L V+ V- COM NC NO SE+ SE-/GND RTE TX- TX+ RX- RX+                                                                                           |
| Number of inputs (n°)       | 1                                                                                                                                             |
| Number of outputs (n°)      | 2                                                                                                                                             |
| Type of outputs             | Relay (C-NO-NC, 4A@12÷24 VAC/VDC, 10A peak), SE: unlock pulse of 4A, holding current of 200mA for 12VAC / DC locks (maximum impedance 18 Ohm) |
| Communication ports         | Micro-USB                                                                                                                                     |
| Twilight sensor             | Yes                                                                                                                                           |

**SETTINGS**

|                      |     |
|----------------------|-----|
| Loudspeaker volume   | Yes |
| Microphone volume    | Yes |
| Backlight brightness | Yes |

**PROGRAMMING MODE**

|                                     |     |
|-------------------------------------|-----|
| Manual programming (via Dip Switch) | Yes |
| ViP Manager software                | Yes |

**ENVIRONMENTAL AND COMPLIANCE FEATURES**

|                                                      |      |
|------------------------------------------------------|------|
| IP protection rating (with product installed)        | IP65 |
| IK vandal-resistance rating (with product installed) | IK08 |



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**ENVIRONMENTAL AND COMPLIANCE FEATURES**

|                                 |                                                                                                          |
|---------------------------------|----------------------------------------------------------------------------------------------------------|
| Operating temperature (°C)      | -25 ÷ 55                                                                                                 |
| Operating humidity (RH max) (%) | 25 ÷ 95                                                                                                  |
| Environmental class             | IV                                                                                                       |
| Certifications                  | RoHS II - 2011/65/UE (EN IEC 63000:2018), EMC 2014/30/UE (EN 61000-6-1:2007 , EN 61000-6-3:2007+A1:2011) |

**MAIN FUNCTIONS**

|                                     |     |
|-------------------------------------|-----|
| Door opener                         | Yes |
| Number of auxiliary relays (n°)     | 1   |
| Input for local door release button | Yes |
| Door open signaling input           | Yes |
| Visual indications of system status | Yes |
| Acoustic signals of system status   | Yes |
| Speech synthesis of system status   | Yes |