

**TP6842****7TOP 7" WI-FI HANDS-FREE VIP DOOR ENT. MONITOR**

7TOP door entry monitor for VIP systems with a 7-inch colour touchscreen, equipped with a mechanical lock-release key with backlit icon. A modern, attractive design that combines sturdiness with usability. It can be surface mounted using a metal backplate (included) to ensure it is firmly and securely anchored, or desktop mounted using a special stand (available to purchase separately). It can be powered via standard POE, 1440A distributor or a dedicated 48V power supply input. There is a MicroSD card slot on the side (not included) for uploading custom ringtones. Equipped with programmable local inputs, one programmable output and one additional ringtone output. Ethernet and Wi-Fi connectivity allows you to connect to the Comelit Cloud and receive calls via app on your smartphone, even when you're not at home. Linux operating system, full-duplex hands-free audio and native support for H.264 and H.265 video formats. New icon-based graphical interface, for use in user or installer mode, customisable and easy to use. Many built-in functions, including Automatic updating, Video memo, Alarm management, Auto lock-release (Doctor), Silent mode (Privacy), Automatic answer (Hands-Free), Call divert. Dimensions (L x H x D): 210x120x21 mm. Colour: White/Black.

**AWARDS**



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### GENERAL DATA

|                             |                                 |
|-----------------------------|---------------------------------|
| Width (mm)                  | 210                             |
| Height (mm)                 | 120                             |
| Depth (mm)                  | 21                              |
| Product weight (g)          | 570                             |
| Product color               | White RAL9003, Black RAL9005    |
| Type of finishing materials | ABS, Glass                      |
| Flush-mounted               | No                              |
| Wall-mounted                | Yes                             |
| Desk base-mounted           | Yes, with a dedicated accessory |

### COMPATIBLE SYSTEMS

|     |     |
|-----|-----|
| ViP | Yes |
|-----|-----|

### DISPLAY

|                     |                 |
|---------------------|-----------------|
| Display size (")    | 7               |
| Type of display     | TFT             |
| Aspect Ratio        | 16:9            |
| Touch screen        | Yes, capacitive |
| Resolution (pixels) | 1024x600        |

### AUDIO FEATURES

|                          |                          |
|--------------------------|--------------------------|
| Type                     | Hands-free               |
| Induction loop function  | No                       |
| Microphone               | 6mm (Ø), Omnidirectional |
| Loudspeaker              | 36mm (Ø), 8 Ohm, 1W      |
| Technologies implemented | Full-Duplex              |

### ELECTRICAL CHARACTERISTICS

|                      |                 |
|----------------------|-----------------|
| Type of power supply | PoE             |
| Supply voltage       | 37÷57 VDC (ViP) |



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### ELECTRICAL CHARACTERISTICS

|                            |                                            |
|----------------------------|--------------------------------------------|
| PoE power supply           | Standard IEEE 802.3af, Comelit PoE (56VDC) |
| Absorption in stand-by (W) | 2.4                                        |
| Maximum absorption (W)     | 6                                          |

### HARDWARE FEATURES

|                           |                                                    |
|---------------------------|----------------------------------------------------|
| Type of buttons           | Mechanical                                         |
| Service buttons           | Lock-release                                       |
| Clamps                    | AL, GND, CFP, PAN, IN1, OUT1, S+, S-/GND // V+, V- |
| Removable terminals       | Yes                                                |
| Number of inputs (n°)     | 4                                                  |
| Number of outputs (n°)    | 1                                                  |
| Memory card supported     | Micro-SD (not supplied)                            |
| Communication ports       | Ethernet                                           |
| Type of connections/ports | RJ45                                               |
| Ethernet ports (n°)       | 1                                                  |
| Network connection        | RJ45                                               |
| LED signaling (no.) (n°)  | 1                                                  |
| Video encoding            | H.264 / H.265                                      |

### SETTINGS

|                           |     |
|---------------------------|-----|
| Loudspeaker volume        | Yes |
| Microphone volume         | Yes |
| Ringtone volume           | Yes |
| Screen brightness control | Yes |
| Screen contrast           | Yes |

### NETWORK AND COMMUNICATION PROTOCOLS

|                          |                        |
|--------------------------|------------------------|
| Type of LAN network      | Ethernet 10/100 Mbit/s |
| Type of Wi-Fi connection | 2.4 GHz                |



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### NETWORK AND COMMUNICATION PROTOCOLS

|                                                        |                          |
|--------------------------------------------------------|--------------------------|
| IP address assignment                                  | DHCP, AUTO IP, static IP |
| IoT connection to Comelit Cloud                        | Yes                      |
| Firmware update via Comelit Cloud                      | Yes                      |
| Operating system                                       | Linux embedded           |
| Compatibility with Video Entry Comelit App             | Yes                      |
| Compatibility with Comelit app (with external gateway) | Yes                      |

### ENVIRONMENTAL AND COMPLIANCE FEATURES

|                                               |                                                                                                          |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------|
| IP protection rating (with product installed) | IP30                                                                                                     |
| Operating temperature (°C)                    | 5 ÷ 40                                                                                                   |
| Operating humidity (RH max) (%)               | 25 ÷ 75                                                                                                  |
| Environmental class                           | I (B1)                                                                                                   |
| 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) |

### GENERAL FEATURES

|                                         |     |
|-----------------------------------------|-----|
| Door opener                             | Yes |
| Automatic door opening on call (Doctor) | Yes |
| Silent mode (Privacy)                   | Yes |
| Self Activation                         | Yes |
| Call to group addresses                 | Yes |
| CPS call                                | Yes |
| Intercom calls                          | Yes |
| Panic call                              | Yes |
| Call forwarding                         | Yes |
| Outside door call input                 | Yes |
| Customisable ringtone                   | Yes |



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### GENERAL FEATURES

|                                        |     |
|----------------------------------------|-----|
| Automatic answer (handsfree)           | Yes |
| Video memory                           | Yes |
| Message for absent                     | Yes |
| Sending alarm calls                    | Yes |
| Actuator control                       | Yes |
| Multiple address                       | Yes |
| Integration with voice assistants      | Yes |
| Face recognition                       | Yes |
| Led to additional signaling (no.) (n°) | 1   |
| Door open signaling                    | Yes |
| Acoustic signalling                    | Yes |
| Visual signalling                      | Yes |
| Date/time display                      | Yes |



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### **ACCESSORIES**



#### **AC6812 DESK BASE FOR MONITOR 7**

Metal desk base with matt black surface finish, featuring the Comelit logo and a central hole for tidy cable routing. Made using a single curved metal sheet, it minimises the number of components and eliminates the need for counterweights. Designed to unite form and function, it ensures the 7TOP door entry monitor is balanced and stable while offering a pared-back and elegant aesthetic. Compatible with the TP6842, TP6842B, and TP6842BM models, as well as the KVQ8570, KVV8571, KVV8572, and KVV8501 kits.