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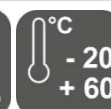
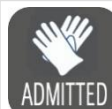
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# Robust indoor IP42 VoIP (SIP) telephone wall mounting, shock-proof IK08 AFD Auto Fault Detection model TEL146M0P-VoIP

## ROBUSTPHONE-ip®



### AVAILABLE COLORS

YELLOW RAL1023	GREY RAL7030	BLACK RAL9005	RED RAL3020	ORANGE RAL2003
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**ROBUSTPHONE®** comes from over 20 years of experience in designing and manufacturing specialized communication terminals, to be installed in the hardest areas in the world: **Off-Shore, Mines, Marine, Steel-Works, Railways, Tunnels.**

Protection index : ..... IP42 [EN 60529]  
Impact resistance : ..... IK08 [EN 60068-2]  
Working temperature: ..... -20°C +55°C  
Body: .....aluminum front plate and steel painted wall frame  
Handset's cord: ..... stainless steel (>200kg resistance)  
Mounting: ..... wall-mounting  
Dimensions: ..... 260 x 180 x 137 mm  
Weight: ..... 3,6kg  
Cables inlets: ..... 2 holes Ø20mm + cableglands  
MTBF: ..... 180.000 hours  
MTTR: ..... <3 minutes

**ROBUSTPHONE-ip®** has been designed for installation in heavy industrial areas. It is **protected IP42** against penetration of objects and liquids and it is impact resistant **IK08**.

The body is made of painted **stainless steel**, with a **strong aluminum front panel** supporting the handset.

The **handset is very robust**, entirely realized in **aluminum IK10**, with a flexible **stainless steel INOX cord**.

### Main Functions

VoIP protocol: ..... SIP  
Addressing: ..... DHCP/Static  
Power: ..... +12Vdc or PoE  
Electronic Bell: ..... up to 90dB@1m, adjustable  
Hook: ..... magnetic (no moving parts)

### Hot-Line & Autodialing Function

**ROBUSTPHONE® TEL146M0P** is a VoIP (SIP) telephone without keypad. It is designed to cover the typical **Hot-Line function**. It means that it is capable to activate an **autodialing** when lifting the handset.

By a simple programming the autodialing function can be excluded, so that the SIP Server will manage the function itself, if properly programmed.

### Colors & Graphics

**ROBUSTPHONE-ip® TEL146M0P-VoIP** can be delivered in various colors as per RAL table here shown.

It can be completed with special graphics and symbols so that it can be adapted to many operational conditions, such as Road Emergency, Fire Brigade Phone, Service & Information Call Point.

### Optional functions

- AFD Automatic Fault Detection
- Auxiliary free of voltage hook contact
- Relay for repetition of incoming calls
- Door opening relay on DTMF password
- TelDia® license (Remote Interrogation)
- Fault Alarm Relay (module FAR-01)

### AFD - Automatic Fault-detection (Option)

The telephone can supports the automatic fault detection, including the **audio test** of microphone and earpiece. A Blue LED is permanently flashing to show the correct operability of the telephone.

### ORDER CODES

TEL146M0P-VoIP: ..... recessed mounting, without keypad  
TEL146TP-VoIP: ..... recessed mounting, with keypad  
Option JK: ..... jack for external headset  
Option R1: ..... External bell command relay  
Option R2: ..... Relay activated on DTMF password  
Option AFD: ..... Automatic Fault Detection + LED Blu  
FAR-01: ..... module with alarm contact