



## Alphaconnect P220 watertight heavy duty telephone

*Fully DNV type approved heavy duty watertight telephone for engine room, galley, deck stations etc. Robust keyboard and red call indicator. Connections for handset, headset and rotary light. DTMF dialing, Protection class IP65.*

### Description

The P220 is a heavy duty watertight telephone for engine room spaces, galley and even for deck mounting. Designed for harsh conditions the P220 is also extremely suitable for industrial environments.

It can be used for all PABX systems using plain analogue extension lines, but in conjunction with the AlphaConnect 48 / 128 systems, all the unique features are enabled.

An optional handset can be connected for low-speaking conversations, and when the telephone is used in noisy areas, a headset with boom microphone and external PTT can be handled. An external hook/PTT input allows for using a foot operated switch to answer calls.

A relay contact-set is available for driving rotary lights and horns. The P220 has a watertight design class IP65, operating from -20 to 70 dgs C, and conforms to the IEC60945 standard for maritime equipment.

The P220 requires just a 2-wire cable (1\*2\*0.75) and no additional power supply is required for the Ring-up relay contact.



# ALPHATRON

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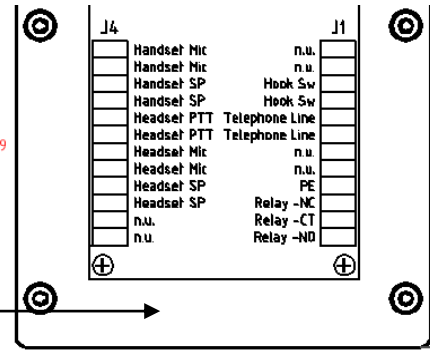
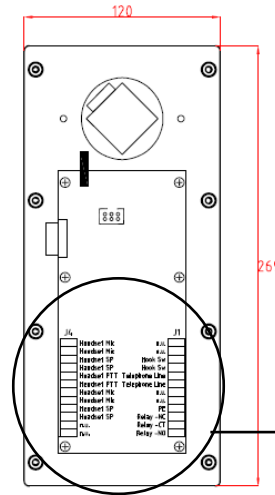
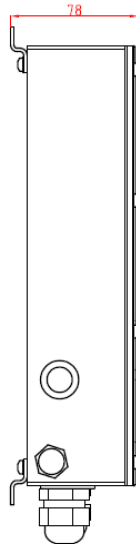
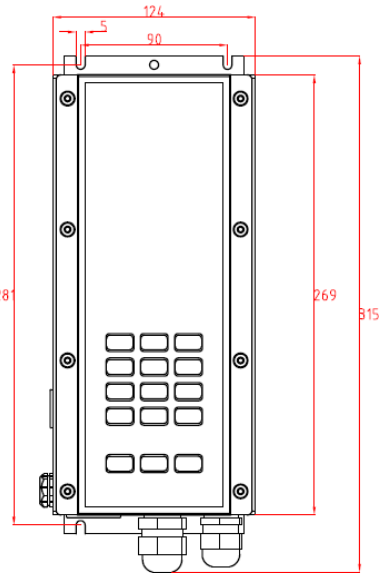
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## Dimensional drawings and connections

Front View

Side View

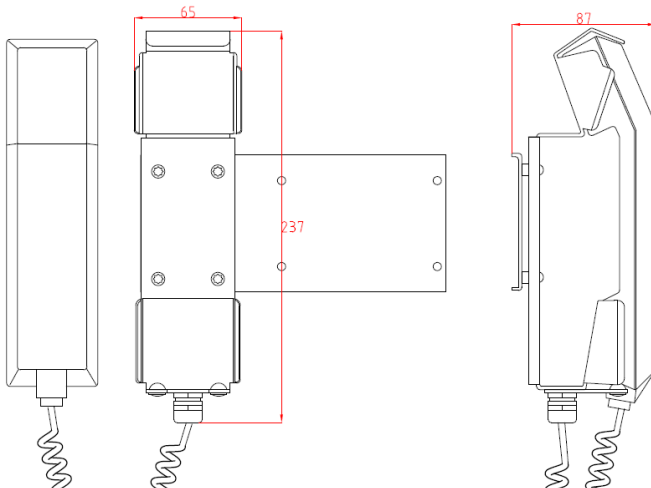
BACK VIEW WITHOUT HOUSING



### Specifications

Power	18-32V DC
Operating temperature	-20—70 dgs C
Protection class	IP65
Telephone line	48V DC, 60V AC ring
Caller number identification	FSK
Relay output	1A@30V, 250mA@230V

## Optional watertight handset IP66



### Connections:

- Speaker - Yellow
- Speaker + Green
- Microphone - Black
- Microphone + Red
- Switch - Blue
- Switch + White