

# DW-IP Digital weatherproof call station

ARMT.665230.112



DW-IP (Wi-Fi) digital weatherproof loudspeaking call station is the subscriber equipment of decentralized Intercom and PA/GA system Armtel IPN .



DW-IP is designed for use both outdoors and indoors in harsh environment, with high humidity, noise, dust environments, with high content of smoke, aggressive gases and chemical matters vapors within the broad temperature range.



DW-IP has built-in software and configuration data that enables to directly connect with other subscribers of the system, to process the connections with higher priority, to control communication and indication modes.



Up to 6,8 kHz bandwidth



Wi-Fi connection



Protection against temporary immersion in water

## Key features:

- Direct simplex communication with IPN devices;
- Group call initiated from programmable keys and for multiple zones;
- Broadcasting of alarm messages to single subscribers and group;
- Extended voice signal bandwidth up to 6,8 kHz;
- LED of keys indicate failure, busy, missed call and other subscribers statuses
- Activating of control lines of ACM-IP and ACM;
- Control of external signaling device using built-in relay;
- Built-in software and configuration data for prioritization of incoming calls, control of communication and indication modes;
- Remote configuration using IPN system administration software;
- Account for connection to SIP-server as subscriber;
- Built-in flash memory for storing sound fragments with a total duration of up to 3 min;

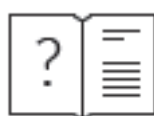
## Technical specifications

|  |                      |
|--|----------------------|
| Rated voltage  | -48 V                |
| Supply voltage range   | From -36 V to -60 V  |
| Maximum operating current with Wireless module without auxiliary amplifier         | 340 mA               |
| Maximum operating current of auxiliary amplifier                                   | 1,1 A                |
| Maximum main amplifier power rating  | 2,1 W                |
| Maximum switching current rating (external control (signal) device circuit)        | 2 A                  |
| Maximum switching DC voltage rating (external control (signal) device circuit)     | 220 V                |
| Maximum switching constant power rating (external control (signal) device circuit) | 60 W                 |
| Voice bandwidth  | from 300 to 6800 Hz  |
| Sound pressure level of dynamic speaker at maximum volume                          | 95 dB                |
| Rated voltage  | -48 V                |
| Wireless module frequency range  | Wi-Fi 2.4, Wi-Fi 5   |
| Communication protocols over Wi-Fi   | IEEE 802.11a/b/g/n   |
| Operating temperature  | from -10°C to +55°C  |
| Relative humidity  | up to 98 % at +25°C  |
| Protection degree provided by shell  | IP66                 |
| Atmosphere pressure  | from 84 to 106,7 kPa |
| Electrical protection class  | III                  |
| Maximum overall dimensions   | 515×130×205 mm       |
| Weight, with regard to version, maximum  | from 5,7 to 6,8 kg   |

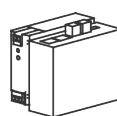
## Optional equipment

|                                     |  |
|-------------------------------------|--|
| Two-way toggle module (from 1 to 3) | The module is designed for 2 connections or programmable functions with built-in LED indications of dedicated subscriber status and communication line |
| Auxiliary optional amplifier 25W    | For connection of external loudspeakers up to 25W  |

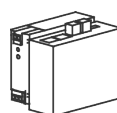
## Delivery includes



Set of operational documents



Retrofit kit for installation of voltage converter and media converter  
ARMT.665230.112.005



Mounting kit (bracket x2, bolt M6×16 DIN 933 x4, washer 6 DIN 127A x4, washer 6 DIN 9021 x4)