

# CCS-IP2 Compact IP Call Station

RMLT.465311.015

Office



Weatherproof



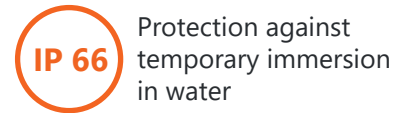
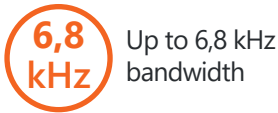
Vandal resistant



Industrial



ARMTEL CCS is a compact call station designed for indoor and outdoor use. CCS is commonly used in distributed systems of loud-speaking operational and technological communication in electric power and transportation industries.



## Key features:

- Metallic housing made of aluminum;
- IP66 protection rate;
- VoIP intercom communication with real redundant dual Ethernet ports;
- Customized set of modules
- Connection of subscribers via Ethernet and by ADSL communication line;
- Optional in built 25W amplifier for direct connection to external loudspeaker for Office and Vandal resistant versions;
- Duplex and half-duplex communication via SIP protocol;
- Dial pad for free dial of subscribers or version with direct keys;
- LCD alphanumeric display;
- Volume control of integrated loudspeaker;
- Front panel visual indications.

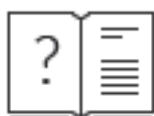
## Technical specifications

Rated supply voltage*	48 V
Supply voltage range*	from 37 to 57
Conformity with the PoE class	IEEE 802.3af Class 0
Revers polarity protection	available
Maximum current consumption*, no more than	0,28 A
Maximum power consumption*, no more than	12 W
LF signal bandwidth (at -3 dB)** of the transceiver path (excluding speaker and microphone)	от 300 до 6800 Hz
Maximum power of integral relay when external execution units (devices) are connected (in supply voltage range of CCS-IP2)*, no more than	60 W
Maximum electrical power of the amplifier of the integrated speaker, at least	2 W
Total duration of sound fragments stored in the device memory, no less than	1500 min
Sound pressure level of the integrated speaker at maximum volume, SPL at a distance of 1 m (0,5 m), at least:	
- versions from RMLT.465311.015 to RMLT.465311.015-02, from RMLT.465311.015-20 to RMLT.465311.015-23	92 (98) dB
- versions from RMLT.465311.015-03 to RMLT.465311.015-05, from RMLT.465311.015-06 to RMLT.465311.015-19	95 (100) dB
Communication interfaces	ADSL, ADSL2, ADSL2+, ITU-T G.992.1...992.5 IEEE 802.3u (100BaseT), IEEE 802.3i (10BaseT)
Communication protocols	SIP, Armtel-IP, SNMP
Audio data format (coder/decoder):	
- over SIP protocol	G.711A (A-Law) G.711U (μ-Law) G.722.1
- over Armtel-IP protocol	Armtel-IP
Overall dimensions, no more than	
- versions from RMLT.465311.015 to RMLT.465311.015-20	(245±2)×(146±1)×(61±2) mm
- versions from RMLT.465311.015-21 to RMLT.465311.015-23	(245±2)×(146±1)×(59±2) mm
Ingress Protection	IP66
Impact Resistance (for Vandal resistant version)	IK08
Material	Aluminum
Weight, max	1,4 kg
In-Built additional Amplifier (Optional for Office and Vandal resistant versions)	25 W
Power consumption with additional amplifier	49 W
Operating temperature range:	
for Office versions	from 0°C to +50°C
for Industrial versions	from -20°C to +50°C
for Weatherproof and Vandal resistant versions	from -40°C to +50°C
Air humidity:	
or Office and Industrial versions	up to 80 % at +25°C
or Weatherproof and Vandal resistant versions	up to 100 % at +25°C

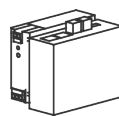
\* Voltage - DC

\*\* Only when using SIP-codec G.722.1 or Armtel-IP

## Deliver includes



Set of operational documents



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