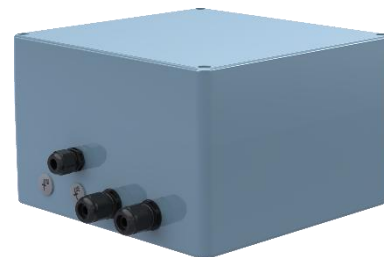




1 DWG 0x1

BASE STATION

The base station is used as interface between wireless devices and the INDUSTRONIC system. It is possible to establish a direct voice connection from an intercom station to a wireless subscriber or vice versa.



- Configuration of up to 16 communication channels, 1 channel is preset
- 5-tone selective calling according to ZVEI 1 for communication control
- Busy signaling when frequency is used
- Wireless device available as VHF or UHF version
- Configurable via INTRON-X Service Tool

COMPONENTS

Wireless device

Control unit with digital interface

Power supply unit

MECHANICAL DATA

Width x height x depth	255 mm x 161 mm x 250 mm (10.04" x 6.34" x 9.84")
Housing material	Polyester
Weight	ca. 7 kg (11.02 lbs)

ELECTRICAL DATA

General

Operating voltage V AC	110 V AC / 230 V AC
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Wireless device

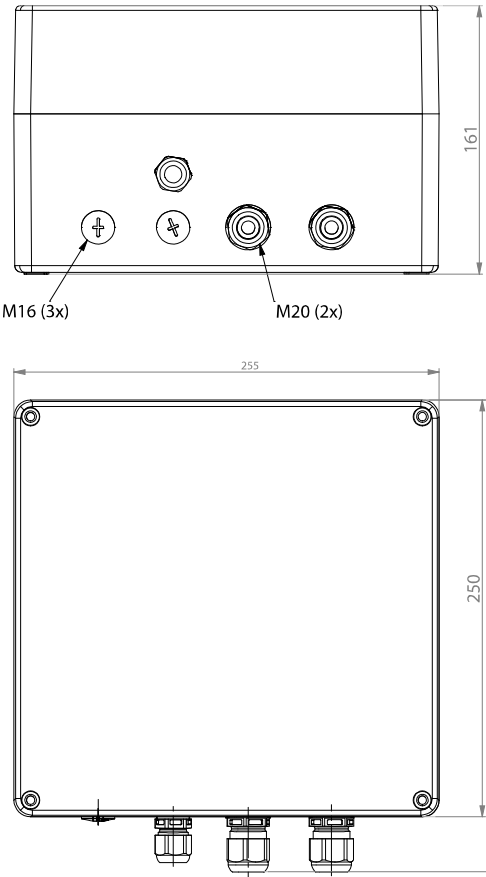
Frequency range	VHF: 152 MHz to 168 MHz UHF: 406 MHz to 440 MHz
Channel spacing	12.5 kHz / 20 kHz / 25 kHz
Frequency stability	+/- 2.5 PPM
Antenna impedance	50 Ohms
5-tone selective call	ZVEI 1



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Subject to technical modifications - Doc. no. DAT-380-020-100 • V02 • EN • 04.11.2025

DIMENSIONS



Transmitter

Transmitting power	Adjustable 1 W to 25 W
Modulation limiting	+/- 2.5 kHz at 12.5 kHz +/- 4.0 kHz at 20.0 kHz +/- 5.0 kHz at 25.0 kHz

Receiver

Receiver sensitivity	<0.3 μ V (12 dB SINAD)
Intermodulation (ETS)	>65 dB

DIGITAL INTERFACE

Quantity	1
Transmission technology	Digital 2-wire interface (Up0)
Max. cable length	4 km (2.49 mi)

ENVIRONMENTAL REQUIREMENTS AND STANDARDS

Ambient temperature during operation	-30 °C to +60 °C (-4 °F to +131 °F)
Relative humidity (non-condensing)	Max. 90 %
Degree of protection of wireless device inside the housing	IP65
Standards	EN 300 086 EN 300 113 EN 300 219 EN 301 489-1 EN 301 489-5 EN 62368-1 EN 62311

TYPE OVERVIEW

Please note: Depending on the application, a wireless device for the 70 cm UHF range (DM1400/EU UHF) or the 2 m VHF range (DM1400/EU VHF) is selected. This base station is used in private PMR networks. Prior to commissioning, a license for the use of frequencies must be acquired from the corresponding national authority.

Operating Voltage	Frequency Range	Description	Type	Type Number
110/230 V AC	406 MHz to 440 MHz	Digital Wireless Gateway U	1 DWG 001	380-020-100
	152 MHz to 168 MHz	Digital Wireless Gateway V	1 DWG 011	380-020-200
	-	Digital Wireless Gateway X	1 DWG 021	380-020-300

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