

## The transmitter for local alarm systems



I.SITE IIIId is a POCSAG-transmitter for local alarm systems. It has an optional backup battery including charging function and digital inputs. The backup battery ensures the possibility to send out alerts in the event of a power failure. Analog voice calls are also available as an option.

It is controlled via Ethernet LAN (RJ-45). POCSAG-messages are prepared internally and sent via the VHF or UHF transmission unit (1-25 W). Three local digital inputs are available as option, a service contact is always present. These are either processed directly as POCSAG-messages and/or reported as additional status messages of the alarm server (I.SEARCH).

Multiple I.SITE IIIId operate via LAN in an asynchronous mode but can operate synchronous if the radio coverage do not overlap. POCSAG-messages are therefore usually sent asynchronously. For synchronous transmission concepts the I.SITE IIId should be used. The Swissphone protocol for integrating the I.SITE IIIId into your solution is available to third-party suppliers.

An RS485 interface can be optionally ordered as alternative to the LAN interface. With the Voice Cluster Option, it is possible to have an I.SITE IIIId with Voice operate as fallback of another I.SITE IIIId with Voice.

With the Plus option, three buttons are added, these buttons can be configured to automatically send out customs alerts.

### Key performance features

- Remote input contacts
- Networking thanks to LAN port
- Uninterruptible operation mode
- Parallel operation of multiple I.SITE IIIId transmitter via LAN for asynchronous networks (as long as coverage areas do not overlap).
- ESPA 4.4.4 input protocol as option
- Analog Voice and Analog Voice Cluster
- Buttons for fast alerting with the PLUS option

# I.SITE III d

	Performance features	Technical data
<b>Standards, compliance, environmental conditions</b>	Standards gemäss den folgenden EU Richtlinien:	Safety EN 62368-1 EMC ETSI EN 301489-1 EMCTT ETSI EN 301489-2 Radio ETSI EN 300113
<b>General</b>	Dimension (W x H x D)	400 mm x 210 mm x 120 mm
	Weight	7.5 kg (without optional battery)
	Operating temperature range	-20 °C ... 55 °C
	Input voltage	90-264 VAC
	Protection class	IP65
	Power consumption	5 W (standby), 75 W (sending at max. 25 W)
<b>Interface</b>	LAN	1 x RS485
	Call log	TAP, ESPA 4.4.4
	Control	PC software or through third-party providers
	Input contacts (optional)	Three contact inputs (E1, E2, E3 (open/close) for triggering messages (edge triggered, potential-free 3 - 30 V, debounced to 100 ms)
	Service contact	One door contact (open/close) for triggering messages during servicing
<b>Transmission Unit</b>	Frequency bands	VHF (136-174 MHz) UHF (400-470 MHz)
	Antenna connection	50 Ω coaxial N-Typ (female)
	Transmission power	1-25 W
	Channel spacing	12.5/20/25 kHz
	POCSAG transmission rate	512, 1200, 2400 baud
	Duty cycle	33 % at 25 W (@ 55 °C)

Subject to change without notice



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