

Extension204 E204 / v4

As an extension module for each DIVA2 System, the hardware extension E204 offers fully available online capability. The small board can be retrofitted in the field. Or it is supplied preassembled with the included SIM card to the corresponding controller (DIVA2 Base, LeX, DeLight or MaX). Available network functions:

- Spider Cloud Services: data transmission (EVATDS, transactions, prices, alerts a.s.o) over the cloud solution provided by Hug-Witschi
- DIVA Firmware Update over-the-Air (FOTA)
- Spider connection for realtime payment (for MaX: not available): centralized or decentralized balance management for RFID transponders, mobile payment (different providers)
- Maintenance (with Hug-Witschi SIM card): Access to each device through DIVA2 Hug-Witschi technicians in secure and closed network. Facilities: analysis of faults, query on the status of the system, changing all configurations, changing the prices.



Advantages

- upgrade all DIVA2 systems for comprehensive telemetry solutions – as well as in the field
- compact GSM upgrading: all in one box
- Networked upgrading, regardless of the network infrastructure of the customer
- same functionality for GSM as with Ethernet
- reduction of operating costs through automatic data transfer

Features

- automatically configuration plug and play
- state-of-the-art modem with 2G and 4G
- Spider connection OTA (over the Air)
- SpiderCloudServices for comprehensive data transfer possibilities and telemetry
- Telnet for maintenance and error analysis each box: allows direct access
- Using Hug-Witschi SIM or customer-side SIM
- Setup mode for critical sites with sensitivity measurement
- 3 LEDs for data communication (orange) and state (green, red)

Technical data

- GSM module GSM/ GPRS
- dimension board: 140 x 75 x 65 mm
- frequency bands: 850/900/1800/1900
- power consumption: max.: 400 mA
- LEDs: or, gn, rt
- Modem firmware update via connector or OTA
- Mini SIM card (2FF) accessible from inside
- antenna connector: MMCX
- from DIVA2 SW version 7.10. 4G from v7.80
- data standard antenna
 - dimension: 115 x 22 mm
 - cable: 3m, black
 - gain: 2 dBi @ 50 Ohm



Model 4G

order coordinates:

art.no.: D2.43.000.03
details: Extension204 Set GSM 2G

D2.43.000.06
Extension204 Set GSM 4G



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Articles

	<u>Extension204 Set GSM 2G</u>	<u>Extension204 Set GSM 4G</u>
Art Nr:	D2.43.000.03	D2.43.000.06
Supporting band:	2G	4G fallback 2G
Frequency:	850/900/1800/1900 MHz	4G: 800/850/900/1800, 2G: 900/1800
Products Subject to change without notice		

Scope of delivery

Extension204 assembly, adhesive antenna (HW.44.001.21), mounting bolts and screws



Accessories

- EA.18.039.01 SIM card, buying, one time
- EA.18.039.26 Data max. 1 MB per SIM NTS
- EA.18.039.25 Data max. 15 MB per SIM NTS
- HW.49.070.01 spicls project initialisation
- HW.49.080.10 spicls EVADTS service
- HW.44.001.21 GSM Antenne sticked
- HW.44.001.22 GSM Antenne screw



Antenna screwed

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