

Embedded Module

Quick Line Module: QLM-S100

| Shape | Transmission technology | | | | | | |
|------------------|--------------------------|--------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| | 3G/HSPA | GSM/GPRS/EDGE | xDSL | Ethernet | WLAN | Analogue | ISDN |
| DIN-rail serial | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| DIN-rail network | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Desktop | <input type="checkbox"/> | <input type="checkbox"/> | | | | <input type="checkbox"/> | <input type="checkbox"/> |
| 19" rack | | | | | | <input type="checkbox"/> | <input type="checkbox"/> |
| Embedded module | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |



SDSL for quick data exchange

With the new and compact Quick Line Modules INSYS offers all integrators the possibility to connect their application via existing wired lines to a network.

SDSL/SHDSL offers significantly higher data rates than usual modem or ISDN connections with up to 2 x 5.7 Mbps. The symmetrical data transfer provides a very quick upload.

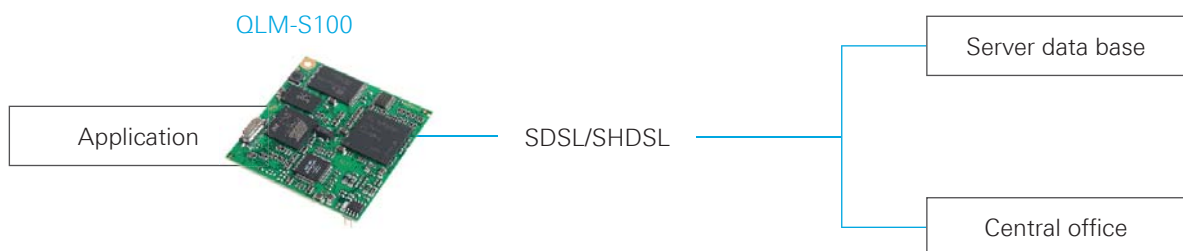
The form factor and the industrial design are intended to integrate the Quick Line Modules into own applications, network devices or routers. New applications with video transmissions for example are also possible now due to the higher bandwidth of SDSL. Existing lines can be used furthermore.

Features

- SDSL router / bridge
- Ethernet / RS232
- Bit rates up to 5,7 Mbps
- Firewall / VPN
- Serial-Ethernet-Gateway

Applications

- Video surveillance
- Network connection
- Leased line alternative



Technical data

Quick Line Module: QLM-S100

| | |
|------------------------------|--|
| Standards | SDSL/SHDSL (ITU-T G.991.2, ITU-T G.994.1) |
| Operation modes | CO or CPE switchable, 2 SHDSL channels combinable |
| Spectrum | Annex A or Annex B switchable |
| Application interface | |
| Interface | Ethernet PHY, RS232 (TTL) |
| Protocol | Transparent for IP traffic like e.g. PPPoE or PPTP |
| Signals | LED control for displaying SDSL link, WAN traffic and Ethernet link/activity Input for software reset, hardware reset and reset to default settings |
| Connections | 80-pin board-to-board connector for data (Ethernet, RS232, LEDs) and supply, 4-pin connector for SDSL connection |
| Electrical features | |
| Power supply | 3.3 V DC |
| Power consumption | approx. 3 W |
| Physical features | |
| Size in mm / Weight | 56.4 l x 56.4 w x 21.5 h / 32 g |
| Temperature range | -20° C ... +70° C |
| Humidity | 0 ... 95% (non condensing) |

| | |
|--------------------------|--|
| Development board | |
| Power supply | 12-24 V DC |
| Connections | ADSL RJ45 with protective circuit Ethernet 10/100 BT, RJ45 RS232, V.24/V.28 |
| Display | LEDs (ADSL Sync, Power, Ethernet link/activity, Ethernet Status 10/100, WAN traffic) |

| Product description | Order number |
|-----------------------|-----------------|
| QLM-S101 | 11-01-04-03-01. |
| Evaluation board SDSL | 11-01-04-06-01. |

Support

- Designer's guide
- Development board
- Hotline support

© INSYS 110721 - Subject to change without notice. Errors and omissions excepted.