

# BM-33k6/ISDN pro

## **BM-33k6/ISDN pro, the Pro Hybrid Modem for the DSS1 (Euro-ISDN) interface.**

Thanks to the build in analog modem it connects to the digital and analog world. Manufactured in Germany, a solid metal case, and selected highly reliable components guarantee for a long life and high performance product. Many additional functions and flexible flash technology.



**Blatzheim Datensysteme GmbH:** experience, competence, quality and reliability in professional and industrial data communications since 1989. Modems manufactured by Blatzheim are being used in over 60 countries worldwide.

### Technical Summary:

- **General**  
Professional external desktop modem in a solid metal case for the S0-interface EDSS1 (Euro ISDN).
- **PTT Compliance**  
Compliance for the european community market including Switzerland. Further approvals possible
- **EMC / CE**  
Electrical security: EN 60950  
Emissions: EN 50022 and EN 61000-6-3  
Immunity: EN 61000-6-2  
RoHS
- **Type / Size / Weight**  
External desktop model  
190 x 108 x 38 mm (LxWxH),  
typ. 410 Gramm.
- **Connectors**  
RJ45 (ISDN), RJ45 (In- and Outputs)  
DB9 female (V.24), On/Off Toggle  
Switch. Power supply connector
- **Power Supply**  
10-24 V AC or DC; typ. 3,5 Watt
- **Environment conditions**  
Storage temp: -25°C - +80°C  
Operating temp: -10°C - +70°C  
no condensing humidity
- **Line types**  
Intended to be connected to Euro-ISDN (EDSS1) S0-Bus / S-Interface. Multiple Subscriber Line or Point-To-Point possible. Max. 4 MSNs with individual assignment
- **ISDN Protocols**  
X.75, Sync. PPP, V.110, V.120, HDLC, T.70NL
- **Analog Data-Modulations**  
V.21, V.22, V22bis, V.32, V.32bis, V.34  
300 - 33.600 bit/s  
Fallback/Fallforward and V.23  
(1200/75 and 75/1200 bit/s)
- **Fax-Modulations**  
V.17, V.29 and V27.ter, Group-3,  
2.400 - 14.400 bit/s  
Command sets Class 1, 2 and 2.0
- **Voice-Capabilities**  
ADPCM; +V and #V command set
- **Error Correction / Datacompression**  
V.42 / V.42bis / MNP4-5
- **Commands**  
• Hayes AT-commands  
• V.25bis  
7-8 Databits, 1-2 Stopbits,  
Parity: Even, Odd, None or Space
- **In- and Outputs**  
6 user configurable in- or outputs for relais switching or monitoring in alarm- and control-applications.
- **Stand-alone SMS/Fax Messages**  
SMS and Fax messages send by commands or input events
- **Extended functions**  
• Security Callback  
• Password access  
• Remote config  
• Power-Up Call  
• Caller ID, denial of unknown callers, billing information, 4 MSNs for modem services  
• Remote control via DTMF  
• Flash-technologie

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