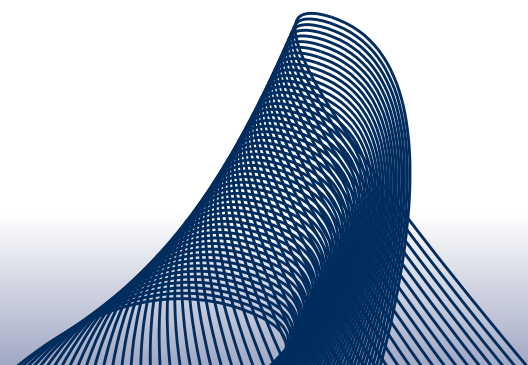


**Basic+ XS<sup>®</sup>**

**12V & 24V**



**XS Assets : High capabilities, ergonomy, reasonably priced**



# Performance

## Features

- LevelX DLL for easy programming own complex applications under WINDOWS 9x/2000/NT/XP/ME
- Includes CAN-Monitor software
- Diagnostic protocol moduls for KWP2000 and GMLAN available
- On-board data (pre-)processing
- Cost optimized design
- SAE J2534 & J2534-1 APIs available
- CANopen Software available
- XS® Sequencer software available
- XS® Monitor software available

## Highlights

- USB and RS232 alternatively
- For 12V or 24V power supply
- CAN 2.0B ISO 11898
- High Speed CAN up to 1 MBit/s
- Low Speed CAN fault tolerant
- K-Line ISO 9141 (100 mA)
- K-Line ISO 14230 (KWP2000)
- On-board memory
- Small size / light weight
- On-board 16 bit micro- controller for fast CAN communication
- LIN capatibility on request

## Product includes

## Order Nr.

## Description



IME3901407

### Basic+ XS® Set incl.:

- Basic+XS® hardware
- RS232 and USB connector cable
- LevelX and PcCANControl
- Software and documentation on CD

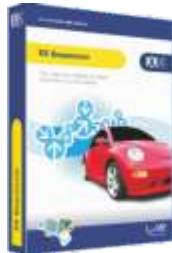


## On request



IME3901302

**XS® Monitor Software**



IME3901303

**XS® Sequencer Software**



IME3901701

**OB D cable**



## Technical Data

<b>Dimensions:</b>	150 x 68 x 25mm
<b>Weight:</b>	200g
<b>Temp. Range:</b>	0 to +55°C
<b>Housing:</b>	plastic
<b>PC interface:</b>	RS232 9 pin up to 115kBaud USB 1.1 alternatively
<b>Power supply:</b>	8 ... 32VDC
<b>Power consump.:</b>	typ. <100mA @ 12VDC
<b>Microcontroller:</b>	C165 @ 18.634MHz
<b>Memory:</b>	512k*16 Bit RAM 512 Byte EEPROM

**Connector:** CAN / K-Line 15-pin Sub-Min-D female

### Network protocol interfaces

**CAN:** CAN 2.0B  
high speed 82C251  
low speed TJA1054

**K-Line:** 2 ISO9141 type 5 K-Line control by microcontroller directly by the PC interface, control of both K-Lines only in parallel, max. sink current at K-Line 100mA

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