Firmware:

Com-Server Highspeed, 19" version, 10/100BT, 1 serial port

Model 58331

Current firmware

Date	Changes and comments	Revision
November 14, 2022	• Security update: WBM session management (VDE-2022-057) • DHCP: Problem with DHCP relays corrected	1.78 ZIP download

Older firmware

Date	Changes and comments	Revision
February 25, 2021	• Security updates	1.77 ZIP download
July 29, 2019	• Fixed possibly critical weaknesses in Web Based Management (VDE-2022-043) • Corrections in SLIP mode	1.76 ZIP download
June 25, 2018	• Problem with Config Upload fixed • Closing simultaneous TCP connections together with bandwidth problem	1.75 ZIP download
April 30, 2015	• Corrected: Closing a TCP connection for handshake stop condition and pending send data • Corrected: DHCP for unstable links during the boot phase The newest included version of WuTility must be used for sending this firmware! The current configuration of the Com-Server is *not* affected by a firmware upgrade. Any subsequent reset of the Com-Server to the factory default setting does however activate the DHCP client. For details on DHCP operation and deactivating it where appropriate, refer to the current manual.	1.73 ZIP download
January 8, 2015	• FTP server mode: Irregular connection closing by client allowed for • SNMP was deactivated after update to 1.71 The newest included version of WuTility must be used for sending this firmware! The current configuration of the Com-Server is *not* affected by a firmware upgrade. Any subsequent reset of the Com-Server to the factory default setting does however activate the DHCP client. For details on DHCP operation and deactivating it where appropriate, refer to the current manual.	1.72 ZIP download
July 10, 2014	• Web pages optimized for IE10 • Box-to-Box: Dispatch Char in slave activated • SLIP mode optimized • DHCP: Optimized for high data load The newest included version of WuTility must be used for sending this firmware! The current configuration of the Com-Server is *not* affected by a firmware upgrade. Any subsequent reset of the Com-Server to the factory default setting does however activate the DHCP client. For details on DHCP operation and deactivating it where appropriate, refer to the current manual.	1.71 ZIP download
January 24, 2011	• Optimizing of firmware upload in noisy environments The newest included version of WuTility must be used for sending this firmware! The current configuration of the Com-Server is *not* affected by a firmware upgrade. Any subsequent reset of the Com-Server to the factory default setting does however activate the DHCP client. For details on DHCP operation and deactivating it where appropriate, refer to the current manual.	1.67 ZIP download

Date	Changes and comments	Revision
December 22, 2010	• Problem with parallel configuration session and data connection to Port D eliminated • Support for fragmented UDP/IP packets • Web Based Management optimized The current configuration of the Com-Server is *not* affected by a firmware upgrade. Any subsequent reset of the Com-Server to the factory default setting does however activate the DHCP client. For details on DHCP operation and deactivating it where appropriate, refer to the current manual.	1.66 ZIP download
January 11, 2010	• Keep-alive response in Box-to-Box mode modified • Minimum length of Ethernet frames adjusted • Reset behavior in DHCP mode revised The current configuration of the Com-Server is *not* affected by a firmware upgrade. Any subsequent reset of the Com-Server to the factory default setting does however activate the DHCP client. For details on DHCP operation and deactivating it where appropriate, refer to the current manual.	1.64 ZIP download
May 4, 2009	• Optimized DHCP response after link interruption • SNMP correction incl. new MIB 1.23 • Freely configurable baud rate divisor corrected • IP bus mode corrected The current configuration of the Com-Server is *not* affected by a firmware upgrade. Any subsequent reset of the Com-Server to the factory default setting does however activate the DHCP client. For details on DHCP operation and deactivating it where appropriate, refer to the current manual.	1.62 ZIP download
August 22, 2008	• NEW: Serial input buffer configurable • Software handshake optimized The current configuration of the Com-Server is *not* affected by a firmware upgrade. Any subsequent reset of the Com-Server to the factory default setting does however activate the DHCP client. For details on DHCP operation and deactivating it where appropriate, refer to the current manual.	1.60 ZIP download
December 13, 2007	• Cyclical generation of GARP packets • Optimized saving of configuration files The current configuration of the Com-Server is *not* affected by a firmware upgrade. Any subsequent reset of the Com-Server to the factory default setting does however activate the DHCP client. For details on DHCP operation and deactivating it where appropriate, refer to the current manual.	1.58 ZIP download
November 8, 2006	• NEW: DHCP protocol • NEW: DNS protocol • Configurable TCP port for the control port • RARP protocol revised The current configuration of the Com-Server is *not* affected by a firmware upgrade. Any subsequent reset of the Com-Server to the factory default setting does however activate the DHCP client. For details on DHCP operation and deactivating it where appropriate, refer to the current manual.	1.52 ZIP download
May 29, 2006	• Expansion of the Serial Socket Protocol • Optimized configuration uploading • LED indication of the connection status corrected	1.50 ZIP download
March 10, 2006	• TCP checksum calculation expanded • Optimization of the IP bus mode	1.49 ZIP download
February 15, 2006	• Connect problem in FTP client mode resolved • Telnet configuration of the system name corrected	1.48 ZIP download

Date	Changes and comments	Revision
February 15, 2006	• Network speeds and duplex transmission are fixed configurable • Use of dynamic source ports in all TCP client modes • Internal network buffers optimized • FTP error handling revised (Client and Server mode) • Optimized generation of GARPs after reset and link loss • System passwords with more than 10 characters sometimes resulted in errors • SNMP: Revision of the tables wtBaudrate and wtUartBaudrate (see also Com-Server MIB 1.19) • Revised manual Rel. 2.09 • Modified internal self-test	1.47 ZIP download
April 18, 2005	• Optimizing of the FTP client mode with serial protocol in connection with software handshake • Support for *Easy start!* used with WuTility 3.03	1.45 ZIP download
December 23, 2004	• Interoperability problems with some DHCP servers rectified • Assigning/changing the IP address with WuTility is also possible for IP address > 0.0.0.0 (only in conjunction with WuTility Version 2.61 and higher) • Endless loop for serial IP assignment and specifying "-1" remedied	1.44 ZIP download
November 16, 2004	• Modified behavior in FTP client mode with serial login string • Display of the FIFOs for telnet and Web configuration corrected • Optimizing of the SNMP protocol	1.43 ZIP download
September 14, 2004	• IP bus mode revised • "DTR Default = High" revised'	1.41 ZIP download
July 29, 2004	• New: Optional selectable Web Based Management • Optimized keep-alive check	1.40 ZIP download
May 5, 2004	• RTS / DTR behavior in the mode "Handshake / Special / Default = Low" modified • Optimization of the internal buffer management	1.39 ZIP download
February 9, 2004	• It is now possible to also assign the gateway address and subnet mask along with the IP address via the serial interface. • Introduction of an active keep-alive check. At adjustable intervals, the Com-Server verifies in a stand-alone fashion whether a TCP connection is still valid • Deactivation of the BOOTP client simultaneously switches off the RARP protocol too.	1.37 ZIP download
October 8, 2003	• Repeat BOOTP request after new start **NOTE:** If BOOTP/DHCP is not explicitly required, we recommend deactivating it via the Telnet configuration before the firmware update. • CTS/DSR display in control port revised • 110 baud implemented • Copy/paste of configuration data optimized	1.35 ZIP download
May 23, 2003	• Optimization in UDP client mode with serial addressing • Optimized inventorying with WuTility • Optimization of the SNMP agent	1.33 ZIP download
February 28, 2003	• Com-Server Highspeed Office	1.32 ZIP download

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