

Firmware:

Digital I/O Com-Server, 12I/12O with RS232

Model 50310

Current firmware

Date	Changes and comments	Revision
January 25, 2008	<ul style="list-style-type: none"> Internal self-test correction 	1.34 ZIP Download

Older firmware

Date	Changes and comments	Revision
May 30, 2006	<ul style="list-style-type: none"> Optimized configuration uploading Cosmetic corrections in Telnet menu Correction: Deactivation of an SNMP manager deactivated the entire SNMP service 	1.32 auf Anfrage
March 10, 2006	<ul style="list-style-type: none"> TCP checksum calculation expanded Optimized generation of GARPs after reset and link loss 	1.31 auf Anfrage
November 25, 2005	<ul style="list-style-type: none"> Assigning the subnet mask and gateway address through the serial port 	1.30 auf Anfrage
April 19, 2005	<ul style="list-style-type: none"> 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) 	1.29 auf Anfrage
November 16, 2004	<ul style="list-style-type: none"> Modified behavior in FTP client mode with serial login string Revision of IP bus mode 	1.28 auf Anfrage
February 9, 2004	<ul style="list-style-type: none"> 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. 	1.27 auf Anfrage
March 13, 2003	<ul style="list-style-type: none"> Optimizing the control port 9094 Adapting the "UDP-Client with serial addressing" mode Modifying the SNMP trap 	1.26 auf Anfrage
October 1, 2002	<ul style="list-style-type: none"> TELNET: Option with binary support TELNET: Xon/Xoff handling optimized TCP Server: Alternating access from Com-Port Redirector and normal socket connection possible SNMP: Optimized walk over entire MIB IO-UDP Mode: Outgoing data transmissions generated by the Com-Server go to a fixed destination address, even for data input from changing network stations 	1.25 auf Anfrage
March 21, 2002	<ul style="list-style-type: none"> BOOTP: Vendor-specific area with fixed length FTP Client: Problems opening a connection and simultaneous long response times in the network eliminated Control port 9094: Error with Clear_Break eliminated Baud rate divisor is freely definable via Telnet configuration 	1.24 auf Anfrage
January 25, 2002	<ul style="list-style-type: none"> Sending of "Gratuitous ARP" at bootup (required for address management of some switches) UDP Mode: Sending of broadcasts now possible Optimized ARP handling SLIP Mode: Problem when running without handshake eliminated FTP Client: Problem when destination IP contains 0 bytes eliminated (applies only to some FTP servers) 	1.23 auf Anfrage
July 26, 2001	<ul style="list-style-type: none"> Visual corrections in Telnet configuration menu FTP Client mode with serial protocol: To enable binary transmissions, the Protocol Char is no longer evaluated when using TYPE I. Connection is ended by means of Inactivity Timeout 	1.22 auf Anfrage
May 29, 2001	<ul style="list-style-type: none"> Digital I/O Com-Servers, all device revisions 	1.21 auf Anfrage



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