

Software History

INTAX® Tvi36V5

Version	Index	History
7.06	A	<ul style="list-style-type: none"> - Spurious initialisation problem of CSP mode 8 after powerup solved - Small current bump after finishing Drive_I_Force eliminated
7.06		<ul style="list-style-type: none"> - Ethernet/IP profile position mode support - controller stability at speeds >1.3m/s improved
7.04		<ul style="list-style-type: none"> - Ethernet over EtherCAT (EoE) support - Simple TCP interface optimized for faster data throughput - New info 28 "IP Range overlap" - Faulty controller state after quickly switching power stage on and off fixed - General stability improvements for the USB Ethernet interface - General controller performance improvements
7.02		<ul style="list-style-type: none"> - Profinet support - Functionality «Position Window Time» added (selectable delay of the PSR-Bit «IN_POSITION» and Statusword-Bit «Target Position Reached») - New ASCII-Command <ul style="list-style-type: none"> o PWT Position Window Time - New SDO Objects corresponding to ASCII-Commands <ul style="list-style-type: none"> o 0x6068 o 0x5001:42 - USB descriptors adapted for reliable detection of INTAX® device over USB on following operation systems: Windows, Linux, MacOS - Update time of PDO objects 0x2005 (I_Force Actual) and 0x200A (Force Actual Value) reduced to 100us - New error 54 "Measuring system failure" - INTAX® serial number available via WebMotion® - Various service functions added (service command line, crash handler, ...) - Position filter and absolute position calculation adapted for series production - WebMotion® access preventable by pin - Incorrect trajectory calculation in cyclic synchronized position mode with velocity feed forward corrected. - Spurious problems at storing force calibration data corrected (prevent error 82 while storing force calibration data) - Spurious problems at industrial ethernet firmware update corrected
7.00	E	<ul style="list-style-type: none"> - Faulty behaviour fixed during processing of PDO data - Power Continue made more tolerant (spurious error 100 fixed) - Various optical adjustments in WebMotion®

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7.00	D	<ul style="list-style-type: none"> - Quickstart function improved - New ASCII-Commands <ul style="list-style-type: none"> ○ LARES Linear Axis Resolution ○ LAST Linear Axis Stroke ○ RP Repeat Positions - Faulty behaviour of PSR Bit I_FORCE_LIMIT_REACHED and corresponding Warning 30 fixed - Industrial Ethernet Licence integrity improved
7.00	C	<ul style="list-style-type: none"> - Renaming/Redefinition of the INTAX® Servocontroller name to “Tvi36V5”. Blocked revisions 7.00, 7.00A and 7.00B from loading. - Industrial Ethernet Licence integrity improved
7.00	B	<ul style="list-style-type: none"> - Space vector pulse width modulation optimized for less noise at very low current
7.00	A	<ul style="list-style-type: none"> - Over current supervision made more tolerant (spurious error 70 fixed) - Bug in space vector modulation at high speeds fixed (higher speed can now be achieved)
7.00		<ul style="list-style-type: none"> - Initial version with INTAX® Tx36V5 support