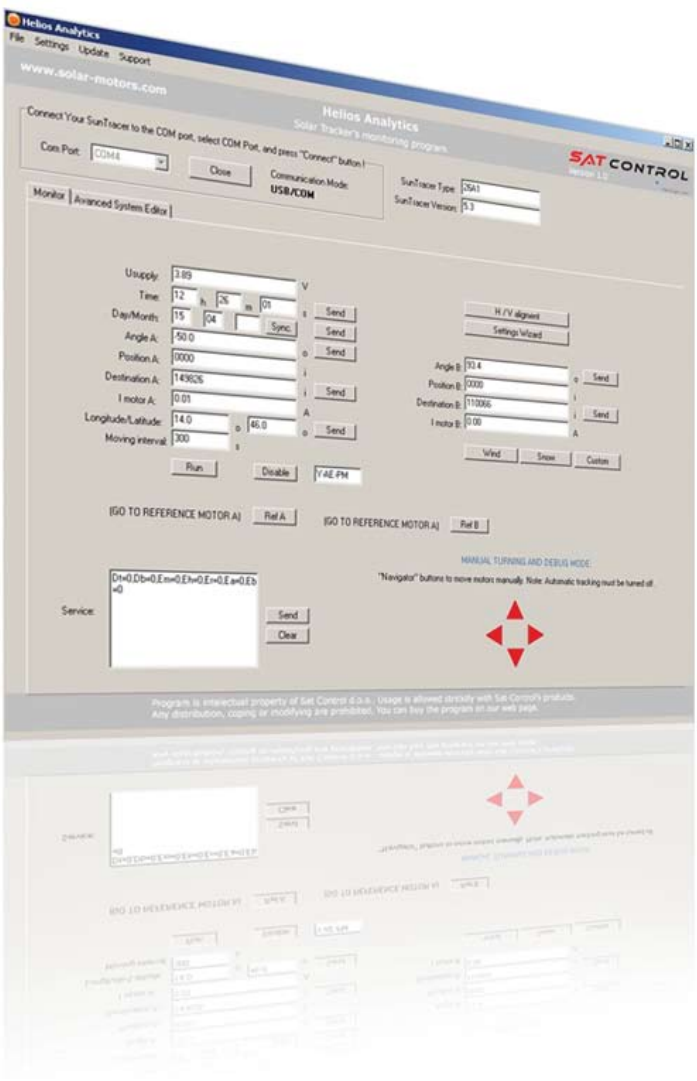
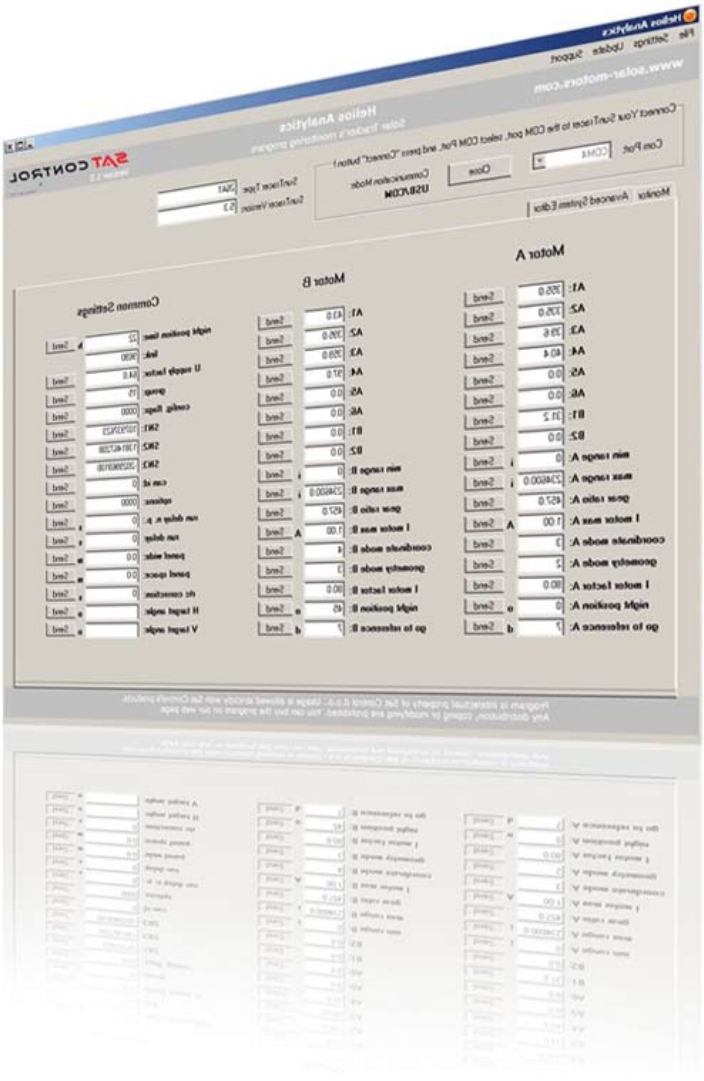
HELIOS ANALYTICS

Helios Analytics PRGSIGHELANA1 / 4107





Professional management, monitoring and presentation of solar tracker

System management, monitoring, remote diagnosis, data adjusting and visualization: the Helios Analytics is the high-performance communication hub for single- to small-scale of solar trackers. It continuously display all the data from the solar trackers on the system side, thereby keeping you informed of the system‘s status at any given time. The Helios Analytics is a multi-functional, energy-efficient data system which offers importing and exporting settings data for solar trackers.

Overview

Safe
- Remote monitoring, diagnosis and configuration of the solar trackers
- Quick detection of malfunctions and notification in case of a failure
- Powerful data system for importing and exporting all trackers setting data

User-friendly
- Central administration of all customer and tracker data
- Easy remote access via PC
- Easy to understand reporting

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Technical Capabilities	
Languages	
Software language	English
Language versions manual	German, English, French, Italian, Spanish, Slovenian
System requirements	
Supported operating systems	Windows XP (installed version of Microsoft .NET Framework > 2.0 is required with 64 bit systems), Windows Vista (32-Bit and 64-Bit), Windows 7 (32-Bit and 64-Bit)
Hardware (minimum requirements)	
Processor	PIII 800 MHz (XP) / P4 1 GHz (Vista)
Main Memory	512MB (XP) / 1 GB (Vista)
Free hard disk space	265 MB (240 MB .Net / 25 MB application)
Resolution	1024 x 768 pixels
Color depth	256 colors
Communication	
Tracker communication	USB 2.0, CAN BUS 2.0 A
Type	IP address, URL (e.g., DynDns)
Max. number of devices	
USB 2.0 / CAN BUS 2.0 A	1 / up to 2000 trackers
RS485 / Ethernet	/
Max. communication range	
USB 2.0 / CAN BUS 2.0 A	5 m / 500 m (Twisted Pair Cable with cross section 0,7 mm2)
RS485 / Ethernet	/
Software	
Type	Exe
Other	Zip
Client Software Requirements	No installation-dependent requirements for the operation
System information	
Tracker overview	Ideally suited for an overview over the solar tracker by presentation of the most important data
System settings	Simple parameter setting for an entire device
Current system values	Summary of current device data. The display of minimum and maximum values, sums and averages (depicted for every device category) provides the operator with detailed information about the current status of their solar tracker
Device information	
Device overview	The most important device information at a single glance
Device settings	Individual parameter adjustment for each device
Current device values	Detailed information on the current values of the selected device
Information displayed	
General information	Time, date
System Data	Power supply voltage, current motion, position, error codes, angle, tracker version, tracker type
Advanced System Data	
Motor A	A1, A2, A3, A4, A5 , A6, B1, B2, min range A, max range A, gear ratio A, I motor max A, coordinate mode A, geometry mode A, I motor factor A, night position A, go to reference A
Motor B	A1, A2, A3, A4, A5 , A6, B1, B2, min range B, max range B, gear ratio B, I motor max B, coordinate mode B, geometry mode B, I motor factor B, night position B, go to reference B
Common settings	Night position time, link, U supply factor , group, conf. flags, SN1, SN2, SN3, can ID, options, run, delay n.p., run delay, panel wide, panel space, rtc correction, H target angle, V target angle
Individual set-up options	
Values	Three configurable pre-defined positions for snow, wind, etc.
The weather station for PV plants	
Current system values	/

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