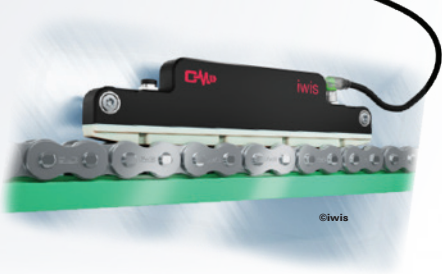


Remote Analytic Line Monitoring (REALM)

Where a complete intuitive system solution for reduced maintenance, downtime, losses and increased safety and efficiency are no longer beyond the REALM of possibility.

**Software
included –
Free
Licensing**



REALM - a condition-focused, predictive maintenance strategy using statistical analyses and Machine Learning to maintain essential chain drives. The integration of the iwis® Chain Condition Monitoring – Smart system **CMs** and **u-mation** from Weidmüller combines modular automation hardware with innovative engineering and visualization tools to create a complete, harmonized IoT system solution for precision chain applications, a reality.

Plug & Play Commissioning



Power

Apply 85 - 277VAC input voltage to power the system.



Connect

Attach the M8 cables to each sensor, and an Ethernet cable to the external port for communication to the system.



Login

Using any HTML 5 - compatible browser, conveniently access the HMI dashboard from a desktop PC or mobile device.



Quick startup

In just a short time, begin managing your assets, performing comprehensive diagnostics and eliminate unforeseen downtime.

Advantages Overview

Web-based Visualization and Diagnostics

With our touch panel and web-based, scalable software, instantly and accurately assess machine health from anywhere that you have internet access. Compare targets and historical performance data against real-time performance to provide alerts when deviations arise.

Flexible and Future-Proof IoT Design

Our IoT enabled solution can work as a stand-alone or can be retrofitted to integrate into existing control system infrastructure, across all common fieldbus protocols.

Life-cycle Management

With the combined technology, optimize the efficiency and performance of the chain drive, while preserving sustainability and the environment through preventive and predictive maintenance.

Increased Performance

Generate added value and increase machine utilization through the tracking and analyzing of large amounts of process and parameter data that is collected and stored through IO-Link which can be combined with condition monitoring and power supply monitoring.

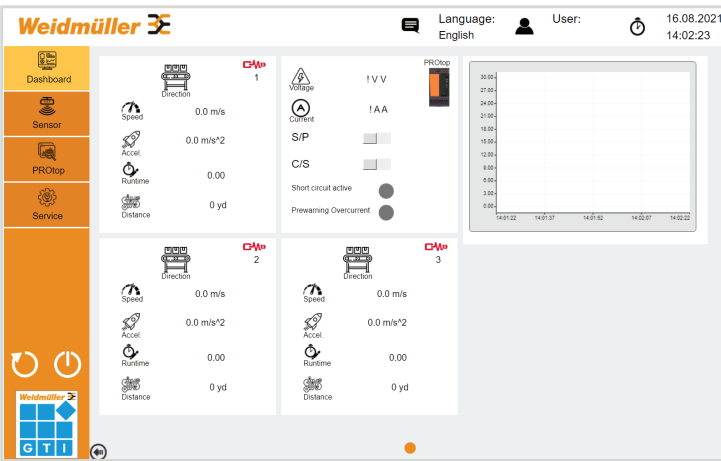
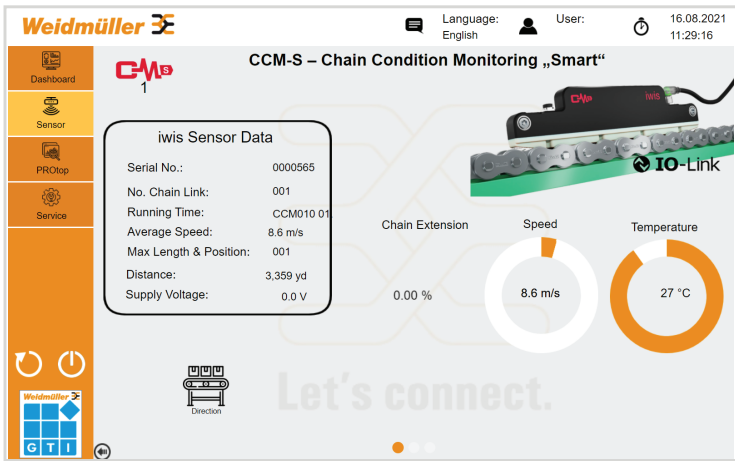
Remote Asset Monitoring and Service

Accelerate time to resolution with continuous real-time data visibility from anywhere there is an internet connection, resulting in reduced maintenance costs and downtime.

Enhanced Security

Limit critical interactions to the appropriate personnel by easily customizing the levels and groups of users with the development of our software solutions according to the "security-by-design" principle and the use of standard IT technologies.

Powerful Visualization and Dashboard Tools



Your IoT system solution for precision chain applications

Ordering Data

Description	Order Number
Remote Analytic Line Monitoring (REALM) System Solution	8000080570
Note: Please contact us for further information, other configurations, or to discuss your remote condition monitoring applications.	

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