ABB Ability™ Smart Device Manager
Device management made easy
ABB Ability™ Smart Device Manager

ABB Ability™ Smart Device Manager is the next generation Handheld Configurator with FDI based device management and is equipped with a high-performance rugged tablet with innovative graphical user interface that helps field engineers to effectively work with process instrumentation.

ABB’s Smart Device Manager initiates a paradigm shift for configuration and parametrization of Fieldbus devices.

The Handheld Configurator has innovative, intuitive navigation and an adaptive user interface.

This makes configuration, commissioning, diagnostics and maintenance of field instrumentation faster and easier than ever before.
Introducing ABB Ability™ Smart Device Manager
Device management made easy

ABB’s Smart Device Manager is an innovative and intuitive solution that makes configuration, commissioning, diagnostics and maintenance of field instrumentation faster and easier than ever before.

Fully Rugged Next Generation Tablet with 10.1” Full HD Display, making it ideal for field workforce and sets a benchmark for external environment

- Meets both General Purpose & Hazardous area requirements.
- The flexible configuration port gives business users the legacy port options they require in a compact mode.
- Never-before has so much capability, flexibility and performance been packed into such a small form factor with premium outdoor viewing quality and lightweight design.
- Comprehensive package of Cyber secured tablet PC and Future-proof software in the market – Ready-to-use.

Intuitive user interface for easy navigation and data interpretation

- Same look and feel - same menu and interface across models
- Touch navigation or normal PC navigation (mouse, keyboard)
- The UI supports multiple device views allowing the user to switch the view.
Hazardous area Handheld Configurator:
- Hazardous area handheld configurator for Zone 1/ Div. 1 is ready for industrial field use.
- Highly flexible industrial tablet PC with powerful Quad-Core processor for rough environments
- Approved for ATEX and IECEx Zone 1, and for NEC 500 Class I Division 1.
- Perfect assistant to service technicians, engineers and project managers in the field and in industry
- Unique expansion port for customer specific applications

Flexible and simple architecture
- Quick to start – within 3 mins
- Includes NAMUR NE 107 instrument diagnosis

Connects to online drivers repository – eliminates the trial & error search of device drivers
- ABB device driver cloud
- FieldComm group device driver cloud
- Offline repository support

General Purpose Handheld configurator
- The fully rugged tablet sets the new benchmark and making it ideal for field workforces in outdoor scenarios.
- Next generation IPSα outdoor display technology
- Flexible configuration port (serial, LAN, micro SD or USB 2.0)
- Up to 14 hours battery life with user replaceable battery
Easy navigation: just switch between various views of the devices
ABB Ability™ Smart Device Manager:

Download Smart Device Manager now
Just go to:

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