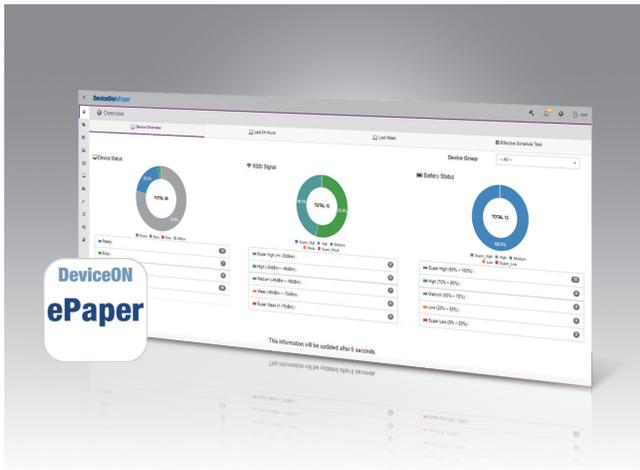


DeviceOn/ePaper

ePaper Device Operation Management Software



Features

- Remotely control ePaper device statuses in real time
- Select useful functions for ePaper management
- Web UI empowers quick configuration
- Data visualization dashboard and scheduling
- Monitors key indicators — including RSSI, battery-life, and voltage
- Supports over-the-air (OTA) firmware and software updates
- RESTful APIs for third-party system integration

Introduction

When integrated with an EPD server, DeviceOn/ePaper helps manage wireless EPD systems using Web GUI. Advantech's DeviceOn/ePaper features multi-functional RESTful APIs. These help developers integrate vertical market applications — including those in retail, smart warehouse, factory, hospital, and transportation applications. DeviceOn/ePaper is a complete solution that helps import/monitor device data, design device templates, manage devices, and update firmware over-the-air easily.

Feature Details

Device Management

Remotely monitor ePaper device status — including RSSI signal, battery-life, and update statuses. This software will detect device hardware capabilities while displaying monitored items.

Scheduled Management

Image refresh scheduling at different periods — including once, hourly, daily, weekly, monthly, and yearly basis. Schedule the EPD type, item, and templates to accommodate different situations.

Software Development Kit (SDK)

Provides RESTful API web service that enables cross-platform integration of ePaper manager with vertical application partners.

Automated Alert Notification

Create alerts and real-time actions based on device threshold rules and predictive analytics. Promptly send notifications to a dedicated person from a mailing list created by administrators.

Over the Air Upgrades (OTA)

Users can upgrade device firmware remotely using DeviceOn/ePaper. ePaper device firmware is released quarterly.

Multifunctional Action Buttons

Users can preview, refresh, transmit, and monitor ePaper devices on the DeviceOn/ePaper web pages. This enables users to preview images, refresh device statuses, transmit images, and monitor event logs to evaluate potential risks.

Software Specifications

	EPD-ARK-1123H	EPD-ARK-2250L
OTA	V	V
Image Generator	V	V
OS	Ubuntu	Ubuntu
Status Monitor	V	V
Event Log Records	V	V
Email Notifications	V	V
RESTful API Web Service	V	V

Order Information

Model Name	Part No.	Description
EPD-ARK-1123H	ARK-1123H-EP2A2	Ubuntu /1T HD/8G RAM and build in ePaper
EPD-ARK-2250L	ARK-2250L-EP1A2	Management software with 500 device licenses