Release Notes Zebra EMDK for .NET v2.9 – Update1 for FX9600 - Host programming

Introduction

This package contains the RFID3 updates required to write host-based .NET applications for the FX Series RFID reader. It is based on the Zebra EMDKs mentioned in the pre-requisites below and support the Visual Studio v2005 and Visual Studio v2008.

Description

This package is intended as a supplement for the EMDK for .NET v2.8. It contains the RFID3 API updates required to write host-based applications for the FX9600 RFID reader. The features supported by the APIs are as follows. The version numbers of the DLLs are as listed below in the Versions section.

New Features summary

1. New device support for FX9600 Fixed RFID Reader
2. Support for secure connection
3. Set/Get cable loss compensation per antenna
4. Set/Get global antenna configuration
5. New callback mechanism to register/deregister events
6. PA/Ambient temperature events
7. Inventory state A/B flip mode added
   - INVENTORY_STATE_AB_FLIP
8. SL flag can be set to SL all
   - SL_ALL
9. Tag report includes tag phase
   - PHASE_INFO
10. New antenna stop trigger types stop inventory operation upon time elapsed or number of attempts
11. Report trigger can be configured to report tags after a specified time duration
12. Idle mode support in which RFID radio is turned off upon a configurable time of inactivity
13. User application deployment
    - Install
    - Uninstall
    - Start/Auto-start
    - Stop
    - Get application run status
    - List installed applications

Contents

1. EMDK-C-v2.8-FXSeries-API-UP1.msi

Versions

RFID API3 PC DLL	5.5.1.10	RFIDAPI32PC.dll	17-December-2017
RFID API3 Host .Net DLL	1.5.1.4	Symbol.RFID3.Host.dll	17-December-2017
.Net Help and Programmers Guide	NA	EMDKfordotNet.chm	17-December-2017

Device Compatibility

This software release has been approved for use with the following Symbol devices.

Device	Operating System
FX9600	Linux

Installation Requirements

This software package has been approved for use with the following EMDKs and the FX9600 RFID reader:

- Zebra EMDK for .NET v2.9 Update 1

Part Number and Release Date

December 17, 2017