

1. RFID SDK with Demo

1.1 File Information

The SDK is written in open source code.

The included demo application is for demonstration and testing of the different RFID reader types.

- The demo is written in Visual Studio 2008
- The used programming language of the sources is C# (C-Sharp)

LF Protokoll

Based on command LL (Low Level).

HF Protokoll

Based on command LL (Low Level).

SDK includes:

- Cab Files for failure message
- RFID Demo Sourcen
Includes all necessary Sources for application development.
- Sourcen-Protocol-Commands
- Setup - RFID Demo for WEH6.5 or CE7.0 operating systems
- SQL files for WEH6.5 or CE7.0 operating systems

1.2 Device Compatibility

This software has been approved for use with the following devices:

MC92N0 WEH6.5.3 Premium or CE7.0 premium

Compliant to following BARTEC type numbers:

Type:	Description:
17-A1Ax- RGxX /xxx Xxxxx	MC92N0-G ^{ex} IS with RFID option Gun form factor and OS WEH6.5.3 or CE7.0
17-A1Ax- RKxX /xxx Xxxxx	MC92N0-K ^{ex} IS with RFID option Brick form factor and OS WEH6.5.3 or CE7.0
B7-A2Ax- RGxX /xxx Xxxxx	MC92N0-G ^{ex} NI with RFID option Gun form factor and OS WEH6.5.3 or CE7.0
B7-A2Ax- RKxX /xxx Xxxxx	MC92N0-K ^{ex} NI with RFID option Brick form factor and OS WEH6.5.3 or CE7.0

Explanation of type number:

AA-BBBC-DEFG/HIJKLLMM

AA = Classification number BARTEC for IS (17) or NI (B7)

BBB = Classification number BARTEC internal

C = Certification type IS:

2 = UL Class I, II, III Division 1

3 = ATEX/IECEX Zone 1

Certification type NI:

2 = UL Class I, II, III Division 2

3 = ATEX Zone 1

D = with RFID option or without (0 = none, R = with RFID)

E = Form factor (G = Gun / K = Brick)

F = Scan Engine

G = RFID option (LF, HF or UHF)

H = Display Color

I = Memory 1 GB / 2 GB Flash

J = Keypad (28, 43 or 53 keys)

K = Operating system (Q = WEH6.5.3 / Y = CE7.0)

LL = BARTEC internal

MM = BARTEC internal

1.3 Installation Requirements

1.3.1 For RFID HF or UHF Reader

- uninstall first all older versions from your Mobile Computer
- Copy the necessary files to the Mobile Computer
- Install the files in following sequence
 - 1.NETCFv35.Messages.EN.wm.cab
 - 2.sqlce.dev.DE.ppc.wce5.armv4i.CAB
 - 3.sqlce.ppc.wce5.armv4i.CAB
 - 4.sqlce.repl.ppc.wce5.armv4i.CAB
 - 5.RFID Demo V1.2.1_Mobile.CAB or RFID Demo V1.2.1_CE.CAB

1.3.2 For RFID LF Reader

- uninstall first all older versions from your Mobile Computer
- Copy the necessary files to the Mobile Computer
- Install the files in following sequence
 - 1.NETCFv35.Messages.EN.wm.cab
 - 2.sqlce.dev.DE.ppc.wce5.armv4i.CAB
 - 3.sqlce.ppc.wce5.armv4i.CAB
 - 4.sqlce.repl.ppc.wce5.armv4i.CAB
 - 5.RFID Demo V1.2.1_Mobile.CAB or RFID Demo V1.2.1_CE.CAB
 - 6.Firmwareloader LF V1.0.CAB
- Copy the following Firmware files to the folder "My Documents"
 - btrw-hdx.v1.40.frm
 - btrw-rw.v1.40.frm
 - btrw-ti.v1.40.frm