iDTRONIC
PROFESSIONAL RFID

UHF Industrial Reader

Evaluation Gate

Description

iDTRONIC's BLUEBOX UHF - Evaluation Gate consists of the BLUEBOX UHF Long-Range Controller 4CH plus 4 Circular polarized UHF Basic Antennas and all material to easily evaluate the product in a gate configuration.

The BLUEBOX Evaluation Gate UHF is specially configured for developing UHF Long Range applications. It is a complete solution in hard- and software, including software tools with drivers, demo application and full SDK to start the development of your specific application.

Applications

· Asset Tracking
· Access Control

Includes

· 1 pc. BLUEBOX UHF Long-Range Controller 4CH (RS232 version)
· 4 pc. BLUEBOX UHF Basic Antenna with Circular Polarization
· 2 pcs. Stand
· 2 pcs. Coaxial Cable 3 m
· 2 pcs. Coaxial Cable 6 m
· 1 pc. RS232 cable
· 1 pc. Power Supply 12 V
· 1 pc. Mounting Bracket for Controller
· 4 pcs. Mounting Brackets for Antennas
· 2 pcs. Transport Bags
· 1 pc. CD (incl. Manuals; SDK with BLUEBOX SHOW App. SW)

RFID Options

· UHF (EPC C1G2 / ISO18000-6C)

Technical Data

Features - BLUEBOX UHF LR 4CH

840 – 960 MHz
Supports ISO18000-6C & EPC C1G2
ISO18000-6B available as Option
Up to +32 dBm (Software adjustable)
Up to 4 Antennas can be connected
Solutions for Mid- & Long-Range Applications
Possibility of using different RFID Standards parallel in one Application
Several Standard Read Modes like Buffered Read Mode, Scan Mode, Notification Mode & RSSI Control
Integrated I/O Ports
Micro SD Slot for Memory Extension
Diagnostic Mode via USB
Multiple Interface Options
Ruggedized Product Design and Enclosures
Integrated Webserver for Remote Access to Controller
Common SDK for all BLUEBOX Products
BLUEBOX SHOW Test/Configuration Software
CE & FCC approved

Features - Basic Antenna Circular

Stable Performance
Circular polarized
Able to read out multiple orientated Tags
Operation RF Frequency Range of 840 – 960 MHz
Antenna Gain 7dBic

Applicable Standards

EMC	EN 301 489-3
Radio Regulation	EN 302 208-2
Safety	CEI EN 60950-1 CEI EN 50364

SDK Information

Supported OS	Windows 7, 8
Supported Languages	C#, C++, serial command protocol

*Reading distance depends on tag, antenna and environmental conditions

Order Codes

Order Code

R-IN-UHF-EVAG

For further information & prices, please contact info@idtronic-rfid.com