

Contactless Access Control



 **WAV**bi™

www.wavbi.com



Product Overview




The WAVbi contactless access control system combines both security and convenience in a single door handle. The smart yet simple design removes any need for expensive hard wiring of electric locks and utilizes standard mortice hardware to allow installation to be completed on existing locks which will ensure a cost effective solution to full access control.





The WAVbi contactless access control handles use RFID and NFC technology to wirelessly transfer encrypted data from your

individually programmed smart card to your handle set at the wave of a card.

The WAVbi system is available in different operating modes allowing simple setup options and fast administration of your access requirements. The WAVbi contactless access control system is fully auditable and allows access users to be added and deleted by the administrator without the need for expensive ongoing maintenance costs, as unlike conventional locks the WAVbi system features simple on-board programming procedures.

Features

-  Easy to install to new doors or retro fits to existing hardware
-  Transfers permission data using RFID and NFC technology
-  Available with user friendly software to allow you to completely control your own access requirements

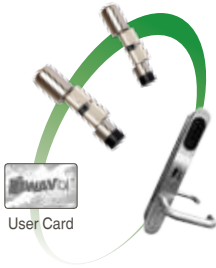
-  Encrypted data credentials to ensure your systems is secure 24/7
-  Designed for domestic and commercial applications
-  Access options include Smart key, code pad, smart tag or smart card
-  Available with audit reports to track all access attempts



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Operating Modes

Standalone Mode



WAVbi Standalone mode is the simplest way in which to operate your access control system. Each handle set is programmed with a Management Card and then users are simply added and deleted when the management card is presented to the outside reader.

PPU Mode



WAVbi PPU mode (Portable Programming Unit) is a smart but simple way of managing your access control system via a smartphone PPU. This mode allows you to add, delete and update user permissions via the smartphone PPU and totally control how users gain access to handle sets.

PC Mode



WAVbi PC mode is the most advanced format to operate your access control system in. In this mode you can add, delete and update user accesses directly from your PC via the advanced software. In addition to operating the range of handle sets and smart cylinders in PC mode you are also able to add door manager units which turn your system into a live, online access control system.

Products

DMU Reader



PPU Encoder



User Smart card



User Smart key



E-Cylinder



E-Handle Lockset



E-Handle Code Lock



Parameters

3.6V Li-SoCL2 Battery

Battery Life 30000 openings

Working temperature -20C ~ + 70C

Working Humidity 20% ~ 97% R.H

Handle rating outside IP54, inside IP45

Certificate CE, RoHs

Users 1-128 , 1-64000*

Locks 1-63, 1-64000*

Data records 100/3000 events*

User code length 4-6 numbers*

*varies from indicated information depending on mode selection



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