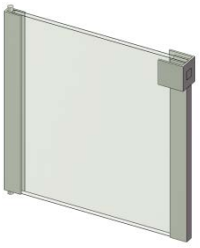
AutoSafe 30 electronic safe

Structure

The safe has 30 boxes with transparent door. The boxes are 220 x 220 x 220 mm. The doors are 6 mm thick, shock-resistant polycarbonate planes, 20 x 10 x 20 anodized aluminium profile frame, which has one side a 6 mm steel shaft, on the other side a handle.
The - made of strong aluminum alloy 30 x 25 x 30 x 2 mm - anodized profiles runs along on the front side and receives the electronic locks and the door shaft.
The dimensions of the safe: 243 x 1164 x 1720 mm. The AutoSafe30 boxes are horizontally ordered. Two safe side by side compose a module with 60 boxes.
The cabinet made from galvanized steel internal frame, steel paneling and shelves, 6 mm thick polycarbonate doors, anodized aluminium alloy wheel profiles. The back is from a curved, perforated steel plate with 5 x 5 mm or 10 x 10 mm punching.



The cabinet has a coating with a fine structured powder coated RAL 7035 color. The device is in custom color also available.
Trough the back plate can be swathed a network or connecting cable, for example an USB data cable.
Above each door is a multi-color LED, which shows with light that the door is locked, unlocked, and open.
The boxes are numbered. Optional unique interior lighting is also available.

Connection

- The required nominal voltage 230V 50 Hz,
- The device working between 88-264V 47-63 Hz AC, and 125-373 V DC voltage limits.
- The AutoSafe cabinets with Ethernet network can be monitored managed.
- The standard 10/100 Mb Ethernet connection function with RJ45 modular underlay and Cat6 cable.
- Each tower has own Ethernet connector and IP address.
- The management software is the Worktime3 software of the AutoSafe module.

Online
The AutoSafe software can run on the customer's extant computer in a networked version. In this mode only one RFID-NFC reader is built in the cabinet.
The AutoSafe software communicates through PCSW commands with the cabinets.

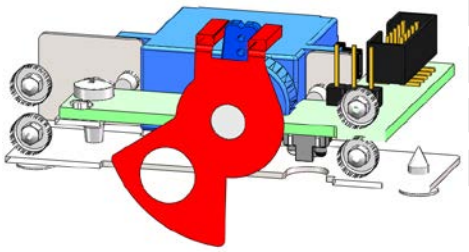
Offline

The offline AutoSafe cabinets can be treated on the sport with the built-in industrial PC, touch screen and RFID-NFC reader.
The industrial PC enclosed in a 220 x 220 x 100 mm metal housing, which built-in a box of the cabinet. On the box is a 9" touching screen and a RFID-NFC reader. In the industrial PC run also the AutoSafe software.

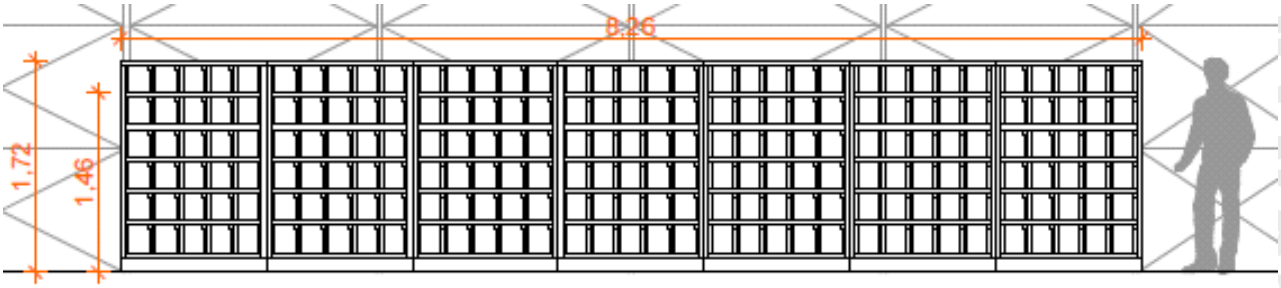
Electronic locking system

Each boxes oft he cabinet has an intelligent electro mechanic lock with own address.
The door locks include the following elements:

1. Strong, stainless steel click, which can be rotated 90 degrees with an electronically controlled gear motor. In opened position extends in the front piece. In locked position turn into to the gap of the door frame and prevent the opening of the door.
2. DC motor, to lock and open the click
3. Optical reflection sensor to sensing the position of the closed or opened door.
4. Red LED, to signaling the closed position of the door. Still light up when the door is closed and the bolt is in turned up position at the same time. If the optical sensor sensing that the door not closed, the red LED flashes.
5. Green LED: to signaling that the door can be opened. Still light up, when the click in opened position. If the optical sensor sensing in that position an opened door, the green LED flashes.
6. White extra bright LED is to illuminate the interiors of the Cabinet and can be independently controlled. Used for general lighting, but can indicate for example, that the free or taken status of the boxes.



A completed application example: 7 AutoSafe30 cabinets string with 210 boxes

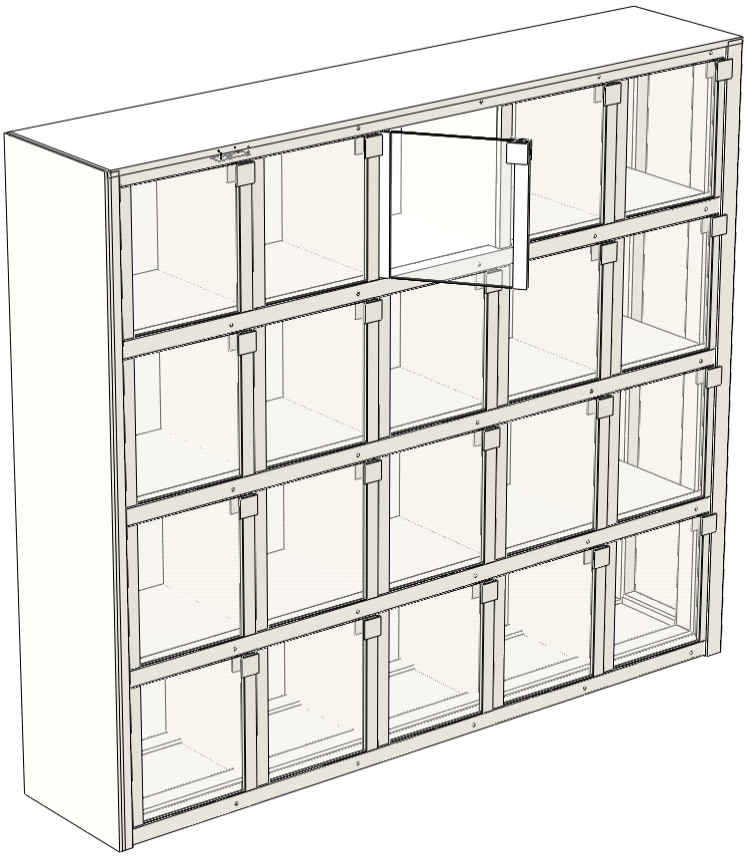


The AutoSafe210 string made with 7 cabinets and 210 doors. Each cabinet of the 7 has the same size, features with separate, built-in power supply and Ethernet Port.
The 7 cabinets connect to the network with an 8 port Ethernet Switch.

AutoSafe 20 electronic safe

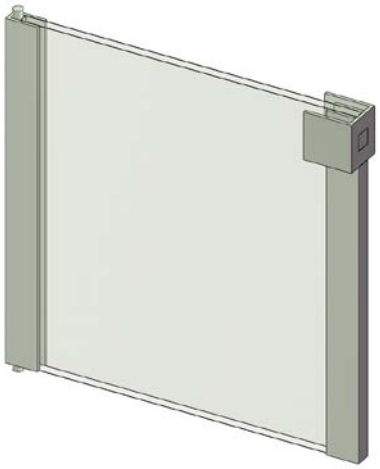
Function

The AutoSafe used to storage high-value items, instruments, mobile computers on a controlled and accounted way. The safe create a possibility of the security storage with personal identification, authorization, testing, and logging. It is feasible to data update, recharge battery or communicate with these devices during the storage.



Structure

The safe has 20 boxes with transparent door. Dimension of the boxes are 220 x 220 x 220 mm.
The doors are 6 mm thick, shock-resistant polycarbonate plates, 20 x 10x 20 anodized aluminium profile frame, which has one side a 6 mm steel shaft, on the other side a handle. The - made of strong aluminum alloy 30 x 25 x 30 x 2 mm - anodized profiles runs along on the front side and receives the electronic locks and the door shaft.
The dimensions of the safe: 1164 x 1005 x 243 mm. The AutoSafe20 cabinets can be horizontally and vertically ordered. Two safe side by side compose a module with 40 boxes.
The cabinet made from galvanized steel internal frame, steel paneling and shelves, 6 mm thick polycarbonate doors, anodized aluminium alloy wheel profiles. The back is a curved, perforated steel plate with 5 x 5 mm or 10 x 10 mm punching. The cabinet has a coating with a fine structured powder coated RAL 7035 color.
The cabinet is in custom color also available. Through the black plate can be swathed a network cable, USB data cable.
Above each door is a multi-color LED, which shows with light that the door is locked, unlocked or open. The boxes are numbered. Optional unique interior lighting is also available.



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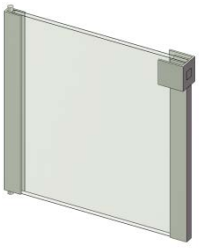

The features of the AutoSafe20 and AutoSafe30 are the same, only difference is in the number of boxes and cabinet size.