








## SRS ACE04n E-guard numeric pin access control system



The **E-guard numeric pin access control system SRS ACE04n** is designed and configured to suit each individual organization needs. It is more than just buying all the necessary equipment and software and subsequently assembling them together. There are many types of readers, electromagnet locking systems, power supplies, switches and software management systems. **In SecureRus, we look forward to meet and talk with the end users to determine their security requirements.** In our proposal, we will give due consideration to the aesthetics of the surroundings, façade and well as the environment in which the equipment is going to be used. The ultimate system to be installed is *expected to be pleasing aesthetically as well as to perform reliably.*

Power Supply	Rechargeable battery	Door released	Break glass	EM-lock accessories
				
Figure 1	Figure 2	Figure 3	Figure 4	Figure 5
<p>Power supply unit is used to power all access control system equipment like the card/pin reader system controller and the EM-lock. During a power outage, the power supply will ensure your door remain closed until the power is resumed. The power supply can provide back-up power supply from the battery up to 4 hours.</p>	<p>Rechargeable battery is installed in the power supply shown on Figure 1. In normal condition the battery is in a charging mode. The battery is charged by the charging circuit built-into the power supply. During power outage the charging circuit switch will switch over to the battery to take over and continue to provide power to the whole system up to 4 hours.</p>	<p>Door release button is for the occupant to open the door from the inside without the need to use the card or pin readers. In some place, the system requires the exit to be logged as well via the card or keypad readers.</p>	<p>Emergency break glass is the most important device in any access control system. This device is like the fire alarm break glass. During emergency the occupant have to break the glass to cut off the power supply to the EM-lock to open the door.</p>	<p>Electrical Drop-bolt and the bracket shown in Figure 5 is the locking mechanism used to secure glass doors that need to swing both ways. When power is supplied to the lock the bolt will shoot out and lock into the metal plate which is mounted onto the door. Once the power is cut off, the bolt is pulled up by a spring. Therefore in the event there is a power failure the doors will have free access. To ensure that the doors are secured during power failure, a backup system has to be used.</p>

**The SRS ACE04n access control basic system:**

**Basic equipment**

Card reader/controller

Electromagnet locking system

Door release switch

Break glass switch

Power supply

Software

**Options**

single or multiple doors on a standalone or networked configuration.

door strike, EM lock, electrical drop-bolt.

with or without power backup.

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