

ROM labels

The controller ROM acts as a hardware dongle: It specifies the controller type, no. of doors and the max. cardholders capacity.

Most ROM labels contain 4 digits. The first digit is the controller type and the last digit (or, in the case of ICPro, the last 2 digits) specify the max. cardholders capacity.

For example let's take ROM label 6045.

The first digit is "6" [6xxx] signifies IC4000 (i.e. 4 readers / 4 doors) and the last digit is "5" [xxx5] signifies that a total of 2048 cardholders can be stored on the controller.

The following tables describe the different ROM options for Sensor controllers.

ROM Label	Max. Cardholders	Controller Type	RAM	Readers	Doors
5x45	2048	IC2000 / IC2000-DR / IC2001	512K	4	2
5x43	4352	IC2000 / IC2000-DR / IC2001	512K	4	2
5x46	5120	IC2000 / IC2000-DR / IC2001	512K	4	2
5x44	6400	IC2000 / IC2000-DR / IC2001	512K	4	2
5x41	8704	IC2000 / IC2000-DR / IC2001	512K	4	2
5x47	10240	IC2000 / IC2000-DR / IC2001	512K	4	2
5x42	20480	IC2000 / IC2000-DR / IC2001	512K	4	2
5x48	32512	IC2000 / IC2000-DR / IC2001	512K	4	2
5x49	44544	IC2000 / IC2000-DR / IC2001	512K	4	2
5x4A	60928	IC2001	2M	4	2
5x4B	81920	IC2001	2M	4	2
5x4C	102400	IC2001	2M	4	2
5x4D	120120	IC2001	2M	4	2
5x4E	163790	IC2001	2M	4	2
5x4F	225280	IC2001	2M	4	2
6x45	2048	IC4000 / IC4000-DR / IC4001	512K	4	4
6x43	4352	IC4000 / IC4000-DR / IC4001	512K	4	4
6x46	5120	IC4000 / IC4000-DR / IC4001	512K	4	4
6x44	6400	IC4000 / IC4000-DR / IC4001	512K	4	4
6x41	8704	IC4000 / IC4000-DR / IC4001	512K	4	4
6x47	10240	IC4000 / IC4000-DR / IC4001	512K	4	4
6x42	20480	IC4000 / IC4000-DR / IC4001	512K	4	4
6x48	32512	IC4000 / IC4000-DR / IC4001	512K	4	4
6x49	44544	IC4001	2M	4	4
6x4A	60928	IC4001	2M	4	4
6x4B	81920	IC4001	2M	4	4
6x4C	102400	IC4001	2M	4	4
6x4D	120120	IC4001	2M	4	4

ROM labels

ROM Label	Max. Cardholders	Controller Type	RAM	Readers	Doors
7x45	2048	IC500/IC1000	128K / 512K	2	2
7x43	4352	IC500/IC1000	128K / 512K	2	2
7x46	5120	IC500/IC1000	128K / 512K	2	2
7x44	6400	IC500/IC1000	128K / 512K	2	2
7x41	8704	IC500/IC1000	128K / 512K	2	2
7x47	10240	IC500/IC1000	512K	2	2
7x42	20480	IC500/IC1000	512K	2	2
7x48	32512	IC500/IC1000	512K	2	2
7x49	44544	IC500/IC1000	512K	2	2
7x4A	60928	IC1000	2M	2	2
7x4B	81920	IC1000	2M	2	2
7x4C	102400	IC1000	2M	2	2
7x4D	120120	IC1000	2M	2	2
7x4E	163790	IC1000	2M	2	2
7x4F	225280	IC1000	2M	2	2
8005	21845	IC-Pro 2	4M	4	2
8000 (or 8015)	65535	IC-Pro 2	4M	4	2
8001 (or 8023)	100487	IC-Pro 2	4M	4	2
8002 (or 8035)	152915	IC-Pro 2	4M	4	2
8003 (or 8046)	200974	IC-Pro 2	4M	4	2
8004 (or 8061)	266509	IC-Pro 2	4M	4	2
8x45	2048	IC550	512K	2	1
8x43	4352	IC550	512K	2	1
8x46	5120	IC550	512K	2	1
8x44	6400	IC550	512K	2	1
8x41	8704	IC550	512K	2	1
8x47	10240	IC550	512K	2	1
8x42	20480	IC550	512K	2	1
8x48	32512	IC550	512K	2	1
8x49	44544	IC550	512K	2	1
8x4A	60928	IC550	2M	2	1
8x4B	81920	IC550	2M	2	1
8x4C	102400	IC550	2M	2	1
8x4D	120120	IC550	2M	2	1
8x4E	163790	IC550	2M	2	1

ROM labels

ROM Label	Max. Cardholders	Controller Type	RAM	Readers	Doors
9005	21845	IC-Pro 4	4M	4	4
9000 (or 9015)	65535	IC-Pro 4	4M	4	4
9001 (or 9023)	100487	IC-Pro 4	4M	4	4
9002 (or 9035)	152915	IC-Pro 4	4M	4	4
9003 (or 9046)	200974	IC-Pro 4	4M	4	4
9004 (or 9061)	266509	IC-Pro 4	4M	4	4