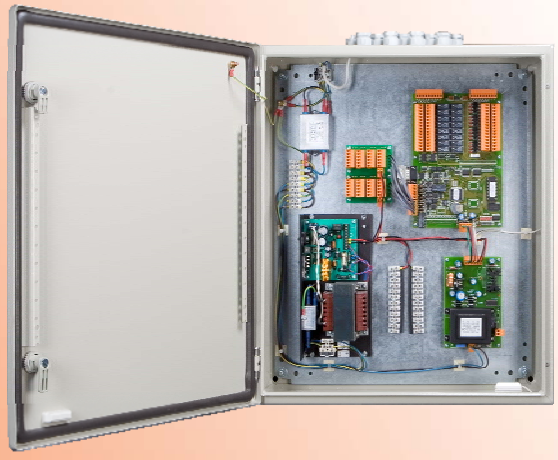
Assembled systems based on RCUplus and SICOM

- SICOM-TI\MI\SP SYS
- SICOM2plus-SYS
- RCUplus-TI\MI\SP SYS
- RCU2plus-SYS



- SICOM4plus-SYS
- RCU4plus-SYS

- RCUplus- and SICOM based assembled systems for applying with TiSM Security Management Systems
- RCUplus and SICOMplus are provided with an Omron or Wiegand reader interface
- RCU2plus, RCU4plus, SICOM2plus and SICOM4plus are provided with a RS485 reader interface
- All assembled systems are delivered including a 12V-DC power supply powering f.e. electric locks
- All assembled systems are delivered in IP67 casings

The TiSM Assembled Systems deliver the interconnections with the outside world like readers and doors.

The assembled systems based on the RCUplus controllers function fully stand-alone and are part of a 1-layer TiSM infrastructure. After configuration these systems are capable of granting access on a stand-alone basis.

The systems based on the SICOM controllers are part of a 2-layer TiSM infrastructure. These controllers form the interconnection between the readers and the TiSM concentrators like the RCU and RCUplus.

Depending on the system demands like the number of required input\output connections, the type of electric locks , the use of anti-pass back, a TiSM infrastructure can be chosen that meets best the requirements.

RS485 interfaces and optic isolation

The RCUplus and SICOM controllers are provided with 2 RS485 interfaces. These interfaces are provided with optic isolation en EMC related protection measures. Herewith an optimal communication between the various system components are guaranteed.
In case of the RCUplus controller 1 interface is meant for connecting an IO-module like the SICOMplus. The other RS485 interface is meant for communication with the TiSM PC server.

Reader interface

The controllers are provided with various reader interfaces. The SICOMplus and RCUplus are provided with an Omron or Wiegand interface to connect for example a Tiprox PR50 reader.
The SICOM2plus\SICOM4plus\RCU2plus and RCU4plus are provided with a RS485 reader interface to connect for example a Miprox PR24 or Tiprox PR54 reader.

Inputs\Outputs

The in- and outputs of the controllers are optic isolated. The functionality of these in- and outputs is determined by the configuration settings in TiSM PC. After configuration it is for example possible to monitor and drive a door. Also alarm detection is possible.

Connecting with the TiSM PC server

The RCUplus\RCU2plus and RCU4plus are connected with the second RS485 interface to the server with TiSM PC. Optional the RCUplus,RCU2plus and RCU4plus can be provided with an IP interface so that these systems with TiSM PC can be connected on the LAN.

Power supply for the electric lock

All assembled systems are provided with an extra power supply for powering the electric locks. Depending on the controller model 12VDC-2A or 12VDC-4A is delivered.

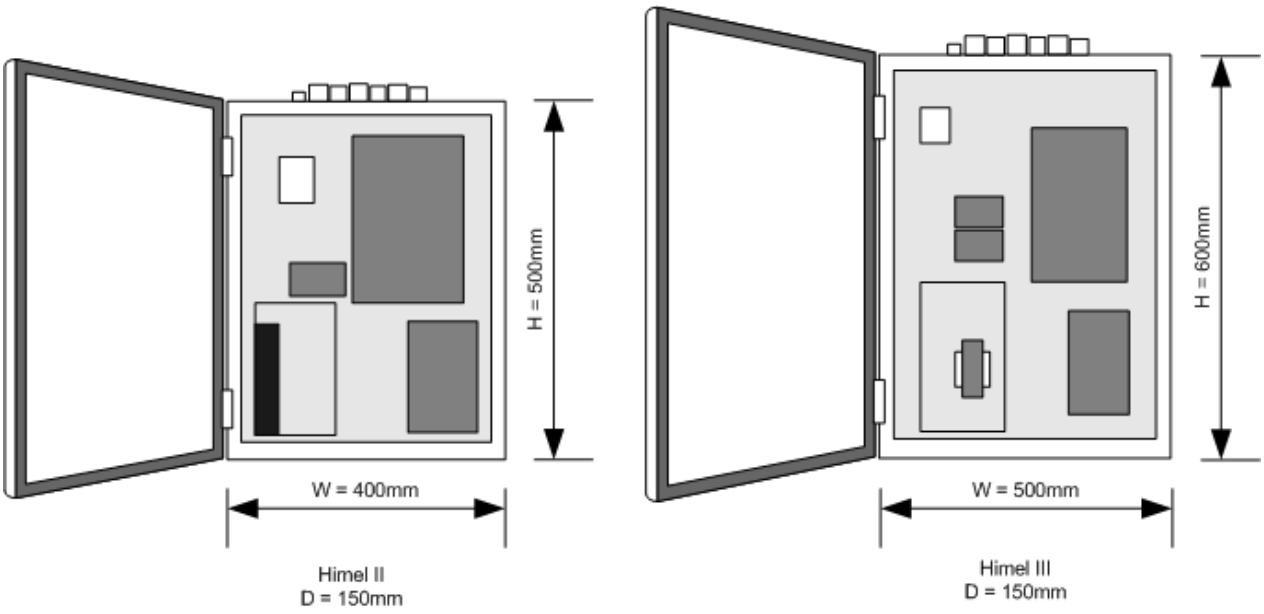
Address

The address of the controllers are set with on-board dipswitches.

Technical features :

	SICOM-TI\MI\SP RCUplus-TI\MI\SP	SICOM2plus-SYS RCU2plus-SYS	SICOM4plus-SYS RCU4plus-SYS
Power supply	230V-AC	230V-AC	230V-AC
Max. Reader quantity	2	4	8
Casing material	Steel	Steel	Steel
Reader Interface	2 x Magstripe\Wiegand	1 x RS485 (2-wire)	1 x RS485 (2-wire)
Communication Interface	1 x RS485 (4-wire)	1 x RS485 (4-wire)	1 x RS485 (4-wire)
Inputs	16, 8 per reader	16, 4 per reader	16, 2 per reader
Outputs	16, 8 per reader (Max. 30W)	16, 4 per reader(Max. 30W)	16, 2 per reader(Max. 30W)
Extra power supply	12VDC-2A	12VDC-2A	12VDC-4A
Sizes (HxWxD)	Himel II 500mmx400mmx150mm	Himel II 500mmx400mmx150mm	Himel III 600mmx500mmx150mm
Encryption	TE	TE	TE
Temperature range	-10..55°C	-10..55°C	-10..55°C
TiSM readers	PR30\PR40\PR60\PR22\PR72	PR44\PR54\PR64\PR24\PR26\PR74\PR76	PR44\PR54\PR64\PR24\PR26\PR74\PR76

Mechanical features :



TRIPLE EYE
Security Management Systems

Vaassenseweg 71, 8166 AT Emst. Postbus 224, 8170 AE Vaassen.
Tel: +31(0)578-575 565. Fax: +31(0)578-575 275.
E-mail: info@triple-eye.nl www.triple-eye.nl