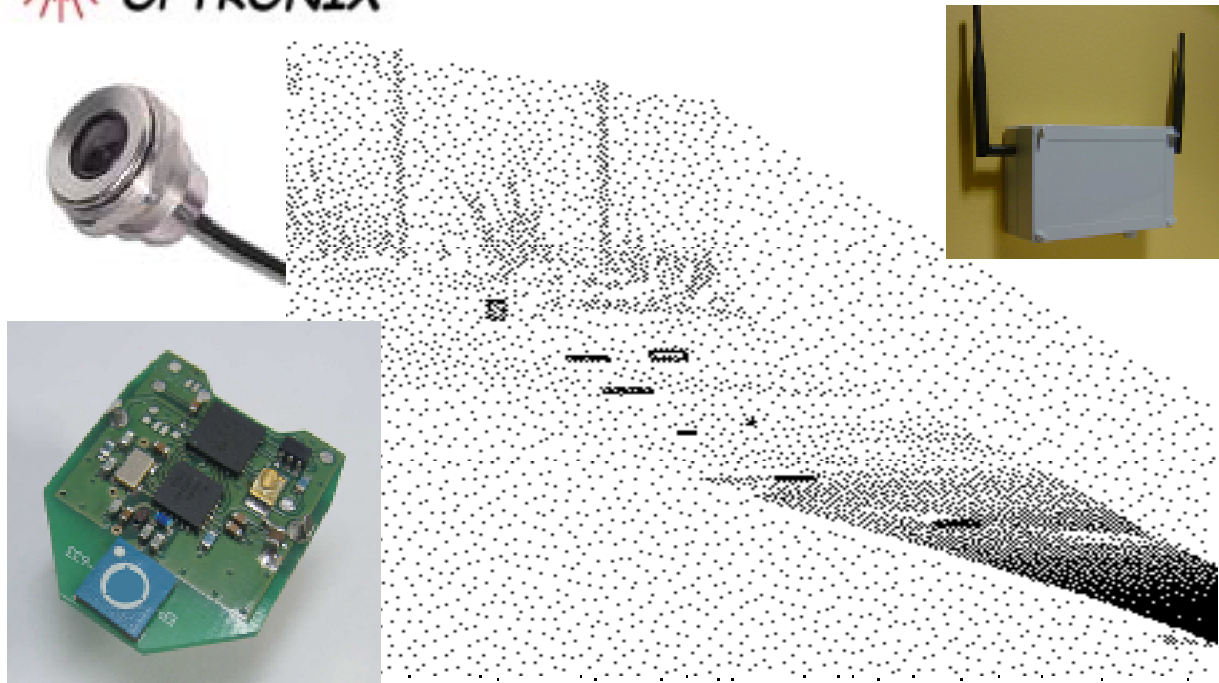




## Areagrabber Protectomatic area detector / ID reader



### Applications for Protectomatic Areagrabbers.

- \* Watching the cash machines in shops for not admitted guests
- \* Detecting key points for coming guests and visitors with a soft alarm output
- \* Security alarms in hazardous areas where only special staff can be present
- \* Logging entrances of staff and employed and store data in a PC
- \* Checking entrances for coming deliveries. Employed = no alarm.
- \* Record incidents on demand like robbers etc.

AreaGrabber systems is a unique solution based on the Protectomatic ideas. This unique and compact system is designed to sense intrusion in an area and automatically check the identity of everyone who is detected here.

Admitted persons carry a special tag giving them authority to be here. These persons are not detected at all or gives a soft output telling all is OK and someone is here. Intruders with no card will generate an alarm by a relay output.

The AreaGrabber makes is a stand alone unit and is only needing an electrical supply to work.

The relay alarm outputs can be connected to external alarms or SMS message transmitters. This admits communication with a central system but also walking guards who need the alarm. AreaGrabber is compatible with the Protectomatic TSS total security system.

Integrated camera options can transmit a video / image of the incident and HD recorders can store all information about what happened. This is perfect for the follow up works.

Optional ID reader can read identity and transmit this information to a PC system for logging. Optional alarm buttons can activate a record on demand from operator or other inputs.

*Many of our productr are protected by patents and patent applications*

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## Areagrabber Protectomatic area detector / ID reader

### Technical specifications Protectomatic AreaGrabber systems

|                            |   |                |              |
|----------------------------|---|----------------|--------------|
| Model                      | AG4   | AG16           | AG 100       |
| Max detected area          | 2x2 meter   | 4x4 meter      | 10x10 meter  |
| Installation distance      | 2 meter up  | 2-2,5 meter up | 2-3 meter up |
| Presence detector          | Infrared  | Infrared       | Infrared     |
| Smallest detectable object | 10 cm   | 20 cm          | 30-50 cm     |
| Card reader range          | 10 meter  | 10 meter       | 20 meter     |
| Response time              | Typical 1-2 sec   |                |              |
| Dimensions                 | 120x150x220 mm on all models                            |                |              |
| Encapsulation              | IP 44 on all models (option IP 65)                      |                |              |
| Operating voltage          | 230 volt AC by wall adapter ( 12 volt )                 |                |              |
| Power consumption          | Max 10 W  |                |              |
| Operating temperature      | 0-40 Degree C. ( options available )                    |                |              |
| Card dimension             | 10x40x60 mm   |                |              |
| Card power supply          | 1 year operation on a Litium battery                    |                |              |
| Card encapsulation         | Splash proof plastic IP 54 level                        |                |              |
| Operating temperature      | 0-50 degree C ( normally OK at pockets at winter time ) |                |              |

### Options for Protectomatic AreaGrabber systems

|                |  |
|----------------|--|
| AG-ID/LAN      | Identity reader reading ID number and then transmitting this over an Ethernet connection                                 |
| AG-ID/WLAN     | Identity reader reading ID number and then transmitting this over a wireless LAN connection                              |
| AG-CAM/PAL     | Camera system integrated into the AreaGrabber unit. Cable connection TP max 50-100 meter.                                |
| AG-Cam/2400    | Camera system with 2400 MHz wireless communication to max 100 meter free sight distance                                  |
| AG-Digicam     | Camera system with digital long distance wireless link. Max 500 meter range and over 100 meter through office buildings. |
| AG-HD/Recorder | Video recorder and storage system. 40 GB HD for 6-125 hours recording depending on image quality.                        |
| AG-Bup         | Battery back up system for Area Grabber systems 230 volt charger and lead battery for min. 3-5 hours operation.          |
| AG-IP 65       | IP 65 water proof encapsulation for out door operation.  |
| AG-Heater      | Integrated heater for operation to - 40 degree C. 230 VAC operation max 100W power.                                      |
| AG-Alarm       | Alarm unit for manual start of the system  |

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