



## Applications for Protectomatic FenceGrabber

- \* Protecting areas close to fences for intruders penetrating the mechanical protection
- \* Creating virtual fences and border lines and to check everything passing over this virtual line
- \* Create zones of alarms over areas where no mechanical protection can be arranged like water areas and swamps.
- \* Airport , power station ,water supply and harbour perimeter and area protection applications
- \* Protection of train and sub way areas for graffiti painters and vandals.

## Protectomatic FenceGrabber systems

FenceGrabber systems is a unique solution based on the Protectomatic ideas. This unique and compact system is designed to sense intrusion in an area like a virtual fence. The detected area is long and narrow and can be used in parallel with a mechanical protection fence or as a virtual fence alone. This admits a unique flexibility and user friendliness

Admitted persons or cars in the area must carry a special tag giving them authority to be here. These persons / objects are not detected at all or gives a soft output telling all is OK and someone is here with authority. Intruders with no card will generate an alarm by a relay output. The system is normally fail safe giving an alarm when manipulated or when out of operation by some reason

The FenceGrabber is a stand alone unit and is only needing an electrical supply to work. Optional battery back up systems admits operation for several weeks stand alone.

The relay alarm outputs can be contacted to external alarms or SMS message transmitters. This admits communication with a central system but also walking guards who need the alarm

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. Direct camera link to guards when alarm is activated ( option ).

Fence Grabber is a part of the Protectomatic TSS total security solution.

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

*Datablad nr PMFencegrabb 05 1030*



## Protectomatic FenceGrabber system

### Technical specifications Protectomatic FG systems

Model	FG 40	FG 60	FG 200
Max detected area	40x3 meter	60x4 meter	200x0,5 meter
Sensing area	Conical beam	Conical beam	Narrow parallel beam
Installation distance	1 to 2 meter up	1-2 meter up	0,5-1 meter up
Presence detector	Infrared	Infrared	50-70 cm
Reflex mode sensing	Na	Na	10 cm objects
Card reader range	100 meter	100 meter	200 meter
Card sensing area	40x100 m	40x100 m	100x200 m
Response time	Typical 1-2 sec		
Dimensions	120x150x220 mm on all models		
Encapsulation	IP 44 on all models (option IP 65)		
Connection	Ethernet or wireless LAN or wire less RF		
Operating voltage	230 volt AC by wall adapter ( 12 volt )		
Power consumption	Max 10 W on all models		
Operating temperature	0-40 Degree C. ( options available )		
Card dimension	15x40x70 mm on all models		
Card power supply	1 -2 weeks on each charge		
Card encapsulation	Splash proof plastic IP 54 level		
Operating temperature	0-50 degree C ( normally OK at pockets at winter time )		

### Options for Protectomatic Fence Grabber systems

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

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