

OPTICAL CLEAR

58kHz EAS SYSTEM



Advertisement panel insertion



Integrated people counter



Jammer alarm



Near label alarm



Silent alarm (pagers)



TCP/IP tuning



Programmed ON/OFF



Custom alarm sound/light sequence



Compatible with TOTALIT



The OPTICAL CLEAR are taller systems which provide more detection range in its vertical axis than their smaller brother, the SOLARIS CLEAR G10V, maintaining its slim, transparent and robust design.

They are optimally installed in conditions where detection in height is very important such as opticians, 3D-cinemas, and others...

At the same time allows to easily slip advertisement panels right into the entrance of the shop, improving the capture of new customers and boosting your sales.

The system includes several advanced features such as:

- Jammer alarm, to detect even the most professional thieves.
- Near label alarm, to detect tagged items inconveniently placed too close of the system.
- Automatic ON/OFF to save energy during the night time, etc...

Easily upgrade the system with:

- Bi directional people counter. Combined with **PARTIALIT** or **TOTALIT**, follow several parameters evolution (sales, customers, alarms, etc...).
- Internet access, to reduce service costs.
- Silent alarm through pagers to discretely communicate alarms to security staff, and much more...



DIFFERENT KIND OF SIZES TO ADAPT TO ANY STORE REQUIREMENT





58kHz EAS SYSTEM

OPTICAL CLEAR

FEATURES

G10V

Advertisement panel insertion	✓
Extended detection / Advanced antinoise algorithms	✓
Double beam (IN/OUT) People counter	–
Jammer alarm	✓
Near label alarm	✓
Silent alarm (paggers)	–
Internal failure alarm	✓
Alive signal	✓
Remote tuning (Internet)	–
Remote tuning (MODEM)	–
Programmed ON/OFF	✓
IN/OUT Alarm	–
Relay Output	✓
Custom alarm sound sequence	✓
Custom alarm light sequence	✓
Aisle Detection light	✓
Alarm light in RX	✓
Customizable alarm light colour	✓
Customizable antenna colour	✓
Extended connectivity	✓
Power supply connectivity	✓
System net	✓
Tuning software	✓
System passwords	✓
Compatible with TOTALIT	✓
Compatible with PARTIALIT	✓
Design available in RF	✗

MAXIMUM DETECTION RANGE*

G10V

SUPERPENCIL TAG	320 cm
SENSORMATIC SUPERTAG	210 cm
SENSORMATIC DR LABEL	200 cm

* Detection ranges measured under low electrical noise conditions. Detection ranges under higher electrical noise conditions may decrease.
 For mono systems, total detection coverage [both sides of the antenna]. For dual systems, detection coverage between the antennas.

MEASURES AND WEIGHT

TX

RX

Width	40 cm	40 cm
Height	168 cm	168 cm
Depth	6 cm	6 cm
Weight	12 kg	11,7 kg
Mains	110/220V	-
Relay/ Inputs/Outputs	1/2/2	-

Included	✓
Option	–
Not available	✗

INSTALLATION RECOMMENDATIONS

58kHz systems RX antennas receive the EM field reradiated by tags. This field is affected by any EM noise in the 58kHz band.

- Sources of EM noise in 58kHz: Neon lamps, switching Power Supplies, Screens, Air Conditioning.
- Install the system minimum 2 meter** from the source of noise, if not, neutralize source of noise or reduce gate distance until necessary.

**Distance to source of noise depends on power and average noise.