

MADE BY **TELENOT**



 ELEGANT LINES
MOTION DETECTORS
comstar[®]

DESIGN TO MAKE OUR LIVES MORE BEAUTIFUL

innovative technology

- Easy to install thanks to innovative locking technology and removable slide. This enables a huge amount of time to be saved during installation.

attractive

- Unique thanks to its well-shaped and elegant design created by Colani.

dependable

- High requirements in terms of quality and inspection within in-house manufacturing guarantee a high level of dependability.



comstar®

- One housing and one design for all types of detectors and risks. Colani's standardized design allows planners and installers to use a wide range of detector types within a single property.

An all-rounder

- Low power consumption between 0.45 mA and 3.1 mA (DUAL detectors).

inexpensive

Under the slogan "Design to make our lives more beautiful", the world-famous designer Luigi Colani has created a generation of detectors exclusively for TELENOT ELECTRONIC GMBH. These detectors boast unique shapes and functional designs.

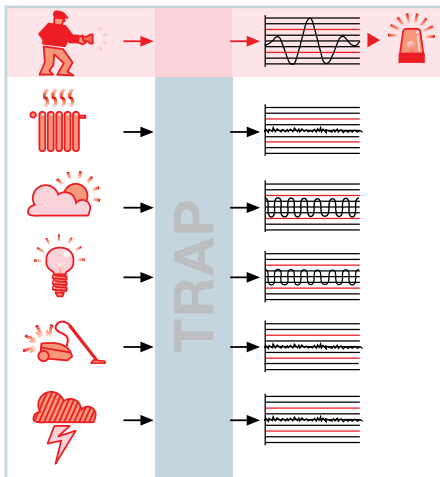


Luigi Colani

TRAP technology

(Threshold Regulated Algorithm with Power Management)

The comstar motion detectors work with specially developed TRAP signal processing. This ensures excellent protection against false alarms as well as outstanding detection characteristics. Alarm criteria can be distinguished very effectively from faults. At the same time, current consumption is reduced to a minimum.



Type	Vds		Characteristic	Art No.
comstar DUAL B10	G 105516	class B	volumetric detector/10 m	100033450
comstar DUAL B10 BUS	G 105517	class B	volumetric detector/10 m	100033451
comstar DUAL C10	G 108085	class C	volumetric detector/10 m	100033480
comstar DUAL C10 BUS	G 107104	class C	volumetric detector/10 m	100033481
comstar B15	G 100518	class B	volumetric detector/15 m	100033400
comstar B15 BUS	G 100514	class B	volumetric detector/15 m	100033401
comstar B25	G 100519	class B	curtain detector/25 m	100033410
comstar B25 BUS	G 100515	class B	curtain detector/25 m	100033411
comstar C15	G 101022	class C	volumetric detector/15 m	100033420
comstar C15 BUS	G 101034	class C	volumetric detector/15 m	100033421
comstar C25	G 101023	class C	curtain detector/25 m	100033430
comstar C25 BUS	G 101035	class C	curtain detector/25 m	100033431
comstar F15	G 104730	class A	volumetric detector/15 m	100033460
comstar F15 (M)	G 104730	class A	volumetric detector/15 m	100033461
comstar F25	G 104731	class A	curtain detector/25 m	100033470
comstar F25 (M)	G 104731	class A	curtain detector/25 m	100033471
Wireless detector for use within the DSS 7700 wireless security system				
comstar F215	G 109703/H 109003	class A/GWA	volumetric detector/15 m	100035960
comstar F225	G 109704/H 109004	class A/GWA	curtain detector/25 m	100035965
Wireless detector for use within the <u>new</u> DSS2 wireless security system				

Technical Data:		Operating Voltage	Current Consumption	Temperature Range	Color	Dimensions
→ comstar B	relay detector	12 V DC (9-15 V DC)	0.7 mA (LED+10 mA)	-10 to +50 °C	white	(WxHxD) 66 x 140 x 55 mm
	BUS detector	12 V DC (9-15 V DC)	0.45 mA (LED+3 mA)	-10 to +50 °C		
→ comstar C	relay detector	12 V DC (9-15 V DC)	0.8 mA (LED+10 mA)	-10 to +50 °C		
	BUS detector	12 V DC (9-15 V DC)	0.9 mA (LED+3 mA)	-10 to +50 °C		
→ comstar DUAL B	relay detector	12 V DC (9-15 V DC)	3.1 mA (LED+3 mA)	-10 to +50 °C		
	BUS detector	12 V DC (9-15 V DC)	2.9 mA (LED+3 mA)	-10 to +50 °C		
→ comstar DUAL C	relay detector	12 V DC (9-15 V DC)	3.1 mA (LED+3 mA)	-10 to +50 °C		
	BUS detector	12 V DC (9-15 V DC)	2.5 mA (LED+3 mA)	-10 to +50 °C		
→ comstar F	DSS 7700	9 V block battery	–	0 to +50 °C		
→ comstar F	DSS2	battery pack BP1	–	0 to +50 °C		

INTELLIGENT FUNCTIONALITY

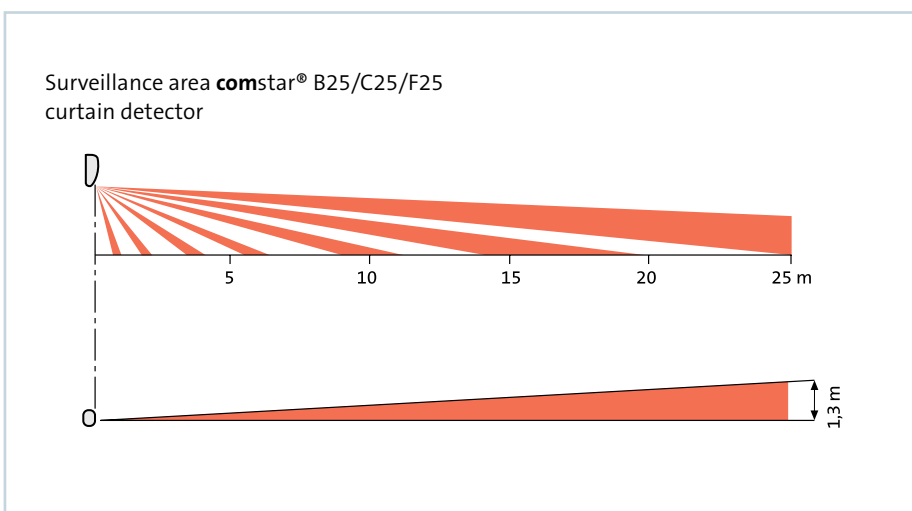
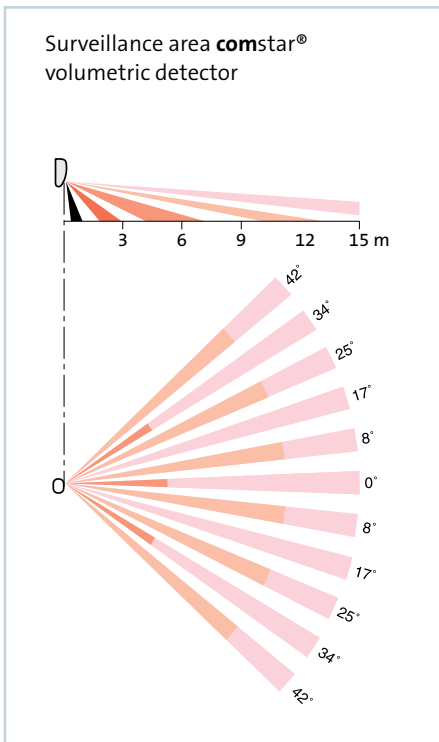
→ comstar-Infrared

The comstar B15/25, C15/25, and F15/25 motion detectors detect infrared heat radiation, such as the rays that are radiated by the human body, via their optical mirrors. The optical mirrors divide the surveillance area into cone-shaped sectors. Human movement across a sector is detected. However, slow changes in temperature (e.g. room temperature) are ignored by the detector.

The comstar mirror has benefits as compared to the frequently used Fresnel optics. For example, the surveilled room sectors are very clearly separated from each other, resulting in clear signals and excellent protection against false alarms.

Further features:

- The alarm memory allows you to determine which detectors have triggered an alarm.
- The self-test monitors the functioning of the detector. Malfunctioning is indicated.
- The comstar B/C15 and 25 detectors signal the alarms via an electronic relay, whereas comstar B/C15 BUS and B/C25 BUS signal to the control panel via the detector bus.
- comstar B/C/F15 is used for securing interior rooms or objects, whereas the curtain optics of comstar B/C/F25 allows it to be used in corridors and along window facades of up to 25 m length.
- comstar C15/C25 also has an anti-mask monitoring function. This feature works within the close infrared range and registers all attempts to mask the detector. This way, it is ensured that any attempt to tamper with the detector during 'unset' periods is detected.



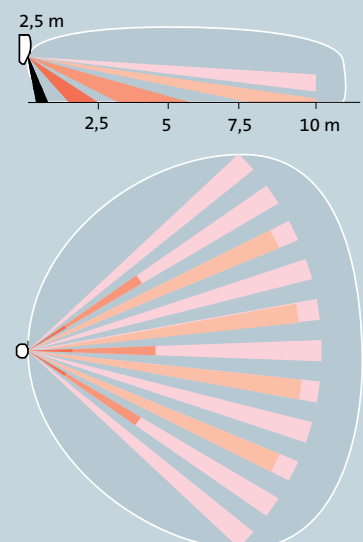
→ comstar-DUAL

The comstar DUAL detectors combine the principles of passive infrared and microwave technology in order to avoid false alarms around crucial properties where there might be air and heat turbulence.

Further features:

- The microwave detector can be set to 4 sensitivity levels and thereby ideally adjusted to the respective conditions on site.
- The alarm memory allows you to determine which detectors have triggered an alarm.
- The self-test monitors detector functioning. Malfunctioning is indicated.
- comstar Dual B10/C10 is a detector with conventional alarm detection technology via a floating relay.
- comstar Dual B10/C10 BUS uses TELENOT BUS1 technology.
- comstar Dual C10/C10 BUS also has an anti-mask monitoring function, which uses invisible infrared radiation to monitor the foil as well as the close vicinity of the detector.

Surveillance area **comstar®** -DUAL volumetric detector



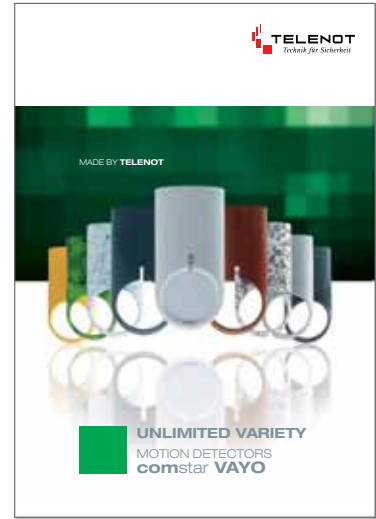
FURTHER DOCUMENTS REGARDING "SECURITY"



"comXline 1516/1516 (GSM)" brochure



"cryplock" brochure



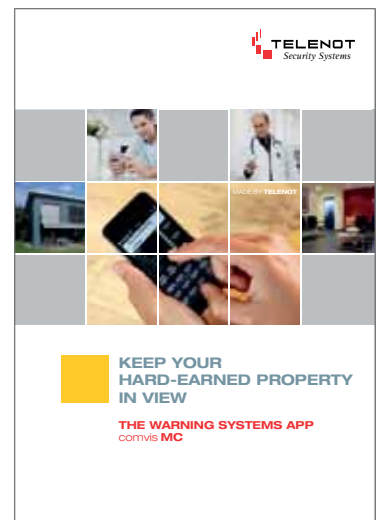
"comstar VAYO" brochure



"complex 400H" brochure



"Warning Devices" brochure



"Warning System App" brochure

For further information, please request the brochures illustrated above.

We are committed to ensuring that you will only work with state-of-the-art security products. Therefore we reserve the right to make technical alterations.

Reproduction or copying as a whole or in parts is only permissible with the express written permission by TELENOT ELECTRONIC GMBH.

