

# COBALT

**Satel**®

COBALT, COBALT Plus and COBALT Pro dual detectors integrate passive infrared sensor with microwave sensor which provides excellent detection characteristics.



COBALT detectors are manufactured in three versions  
**COBALT** - with MW and dual pyrosensor  
**COBALT Plus** - with MW and dual pyrosensor; additional antimasking feature  
**COBALT Pro** - with MW and quad pyrosensor; additional antimasking feature

- high quality pyrosensor
  - UV and visible light filter
  - high immunity to electromagnetic interference
  - low noise level
- digital signal processing
- 2 operation modes
  - basic mode - alarm only when motion is detected by both sensors
  - StealthShield counter mode - provides pyrosensor masking protection
- digital temperature compensation
- antimasking feature \*
- 3-step sensitivity control
- low power consumption
- sealed optics
- supply voltage supervision
- interchangeable Fresnel lenses
  - extra wide angle 141°
  - long range with access zone monitoring
  - vertical curtain
- adjustable holder for easy mounting on wall or on ceiling
- intended for indoor applications

\*) applies to COBALT Plus and COBALT Pro

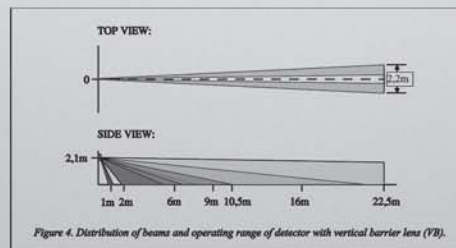
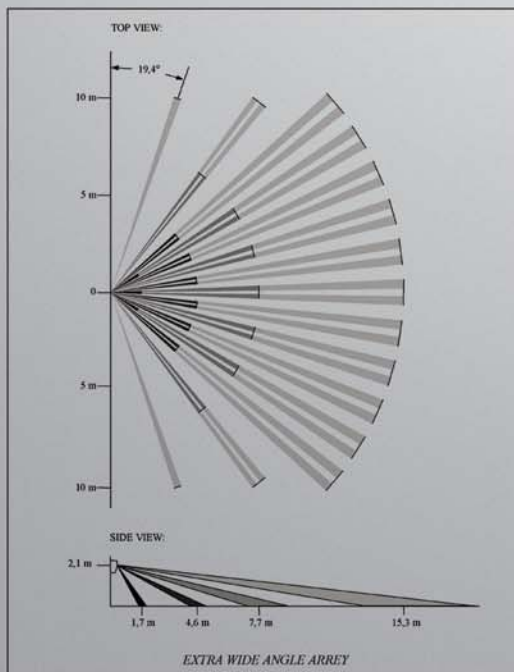


Figure 4. Distribution of beams and operating range of detector with vertical barrier lens (VB).

