

TO WHOM IT MAY CONCERN

Bosch Security Systems
Torenallee 49
5617BA Eindhoven
The Netherlands

Product Test Report

Product name: **Bosch VOT-320 Thermal IP Camera**

Material No / CTN / description:

F.01U.164.748	VOT-320V009L	320x240 thermal IP camera with 9 mm (0.35 in) lens(8.33 Hz)
F.01U.165.086	VOT-320V013L	320x240 thermal IP camera with 13 mm (0.51 in) lens(8.33 Hz)
F.01U.165.087	VOT-320V019L	320x240 thermal IP camera with 19 mm (0.75 in) lens(8.33 Hz)
F.01U.173.516	VOT-320V060L	320x240 thermal IP camera with 60 mm (2.36 in) lens(8.33 Hz)
F.01U.165.088	VOT-320V009H	320x240 thermal IP camera with 9 mm (0.35 in) lens(30 Hz)
F.01U.165.089	VOT-320V013H	320x240 thermal IP camera with 13 mm (0.51 in) lens(30 Hz)
F.01U.165.090	VOT-320V019H	320x240 thermal IP camera with 19 mm (0.75 in) lens(30 Hz)
F.01U.173.519	VOT-320V060H	320x240 thermal IP camera with 60 mm (2.36 in) lens(30 Hz)

The above mentioned Bosch Security Systems products have been tested in accordance and were found to comply with the tests listed below which were carried out during the development phase of the product.

Test Items

Test Items	Specific Test Description	Passed
HALT Test (Highly Accelerating Life Test)	Overstress test to Fail. Determination of fail limits for: -Low ambient temperature (-50°C) -High ambient temperature (+55°C) -Vibration -Combination of Temperature and vibration	Yes
MTBF calculation of used components	Based on: Siemens SN 29500, or FIT figures manufacturer. Theoretical MTBF= 664.933h @ 25°C.	Yes

The products are produced by a manufacturing organization, which is certified on ISO9001 and ISO14001 standards.

Data subject to change without notice.

Eindhoven, January 2014.