Scope

A drop test session of the FLIR Ex Pro was done from 2.0 m on sensitive areas of the cameras. The drop surface was four layers of 12 mm (1/2 in.) plywood over concrete.

Picture 1: Tested camera model.

Picture 2: Drop surface.

Test summary

The battery needed to be reinserted after some of the drops.
The camera had no degradation in performance after performed drops.

Test

Test objects:

Device under test	*Camera model*	*Serial number*
#1	FLIR E5 Pro	13301316
#2	FLIR E6 Pro	13301322
#3	FLIR E8 Pro	13300402

Image 3: Drop directions

Camera\drop nr. (direction)	1	2	3	4	5	6	7	8	9	10	11 (4)	12 (6)	13 (7)	14 (9)	15 (3)
#1	x[1]	x[1]	x[1]	x[1]	x[1]										
#2						x[1]	x[1]	x[1]	x	x					
#3											x[1,2]	x[2]	x[1,2]	x[1,2]	x[2]

*[1] Battery loosened, OK after being reinserted

*[2] Direction randomly selected

Tested by

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Verification and validation

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