



---

## MTBF for AXIS P1435

The calculated MTBF for the AXIS P1435-E/-LE and AXIS P1435-E/-LE 22 mm is > 100,000 h.

The MTBF (Mean Time Between Failures) for this product is equal to the MTTF (Mean Time To First Failure) which is a theoretical estimate, calculated according to the formula below. The figure is valid at an operating temperature of +25°C:

$$\text{MTBF} = 1 / (\sum n_i \times \text{FR}_i)$$

where  $n_i$  = Total number of components of type 'i'  
 $\text{FR}_i$  = Failure rate (number of failures per hour) specified for component 'i'.

Lund, October 7, 2015

A handwritten signature in blue ink that reads "Ulrika Ahlquist Gren".

---

Ulrika Ahlquist Gren  
Axis Communications AB

## Lifetime of specific components for AXIS P1435

The battery included is guaranteed to last for 5 years. In normal operation, when the product is in use (i.e. connected to power), the battery life time is more than 10 years.

Mechanics: SD card holder: 5000 cycles

Optics package: Zoom motor: 50,000 cycles  
Focus motor: 50,000 cycles  
P-Iris motor: 300,000 cycles  
IR cut filter: 20,000 cycles

IR illumination: > 100,000 h

Lund, October 7, 2015



---

Ulrika Ahlquist Gren  
Axis Communications AB