



---

## MTBF for AXIS P1385, P1387, P1388

The calculated MTBF for the AXIS P1385, P1387, P1388, is > 150,000h.

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, 2024-02-07

A handwritten signature in blue ink, appearing to read "Arno van Hoek".

---

Arno van Hoek  
Axis Communications AB

**Lifetime of specific components  
for AXIS P1385, P1387, P1388**

Timekeeping Battery: Expected to last at least 5 years. When the product is in use (i.e. connected to power) expected lifetime is more than 10 years.

Mechanics: SD card holder: 5000 insertion/removal cycles

Optics package: Focus motor: 100,000 cycles  
P-Iris motor: 500,000 cycles  
IR cut filter: 50,000 cycles

Lund, 2024-02-07



---

Arno van Hoek  
Axis Communications AB