



MTBF for AXIS P3267-LVE Mic

The calculated MTBF for the AXIS P3267-LVE Mic 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'
 FR_i = Failure rate (number of failures per hour) specified for component 'i'.

Lund, 2024-01-29

A handwritten signature in blue ink that reads "Shiva K".

Shiva-Prasad Kagganti
Axis Communications AB

Lifetime of specific components for AXIS P3267-LVE Mic

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:

- uSD card holder: > 1000 insertion/removal cycles
- Coaxial connector: 30 cycles
- Tactical switch: > 100000 cycles
- RJ45 connector: > 750 cycles
- Terminal connector: Not specified

Optics package:

- Zoom motor: 200000 cycles
- Focus motor: 200000 cycles
- Auto-Iris motor: 300000 cycles
- IR cut filter: 50000 cycles

Lund, 2024-01-29



Shiva-Prasad Kagganti
Axis Communications AB