



MTBF for AXIS M7116

The calculated MTBF for the AXIS M7116 is > 100,000h.

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'.

Stockholm, 2025-08-19

A blue ink signature of Jonas Lorander, written in a cursive style.

Jonas Lorander
 Axis Communications AB

Lifetime of specific components for AXIS M7116

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: micro-SD card holder: : 5 000 insertion/removal cycles

RJ45 connector: 750 cycles

Fan: 100 000 hrs

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