



MTBF for AXIS F2180-TE

The calculated MTBF for the AXIS F2180-TE is > 150,000h.

The MTBF (Mean Time Between Failures) for this product is equal to the MTTFF (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, 23/01/2026



Wael Abukarsh
Axis Communications AB

Lifetime of specific components for AXIS F2180-TE

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.

SMA Connector: 500 mating cycles

Lund, 23/01/2026



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