



MTBF for AXIS Q6225-LE

The calculated MTBF for the AXIS [product name] 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'.

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Lifetime of specific components for AXIS Q6225-LE

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: Pan: 5 000 000 cycles
Tilt: 5 000 000 cycles
SD card holder: 10 000 cycles
Fans: 100 000 h
Wiper: 1 000 000 cycles

Optics package: Zoom motor: 1 000 000 cycles
Focus motor: 1 000 000 cycles
P-Iris motor: 500 000 cycles
IR cut filter: 100 000 cycles

IR illumination: 100 000 h

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