



## MTBF for AXIS Q6020-E

The calculated MTBF for the AXIS Q6020-E is > 368,000h.

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, [17/3/2025]

A handwritten signature in black ink, appearing to read "Yasmin".

Yasmin Sheikh Ali  
 Axis Communications AB

## Lifetime of specific components for AXIS Q6020-E

Mechanics:	Focus: $\geq$ 200,000 cycles
	Day/night filter: $\geq$ 100,000 cycles
	SD Card holder: 12000 cycles
	Fan: 175 000 hrs
	RJ45 Connector: $\geq$ 750 cycles
	USB Connector: 1500 cycles

Lund, [17/3/2025]



---

Yasmin Sheikh Ali  
Axis Communications AB