

WHITEPAPER

## DATA AND STANDARDS

# MTBF

MTBF TABLES FOR VARIOUS DEVICES OR SERIES

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## 1.1 ABSTRACT

The **MTBF** (Mean Time Between Failures) states the **expected operation time between two succeeding failures** of a device type in hours (definition following IEC 60050 (191)).

This document contains an abstract of the data and standards taken into account for the calculation of the MTBF. The MTBF for the various devices or series is shown in tables.

## 1.2 CALCULATION

The MTBF figures in the tables were determined on the basis of **service life tests, field experience** and **field failure rates**.

The calculations are based on operation at an **ambient temperature of 25° C (77° F)**.

## 1.3 RECORDING SYSTEMS

Device	Limitation	Hours
DMS 2400 MK3	Without hard disk drives	810 000
IPS 10000 MK2	Without hard disk drives	458 000
VideoNetBox III	Without hard disk drives	810 000

## 1.4 CAMERAS

Device	Limitation	Hours
SDF6800DN	Without lenses	over 10 <sup>6</sup>
RDF6800DN	Without lenses	over 10 <sup>6</sup>
RDF6400DN	Without lenses	over 10 <sup>6</sup>
RDF5140DN	Without lenses	over 10 <sup>6</sup>
RDF5120DN	Without lenses	over 10 <sup>6</sup>
RDF5140DN (E)	Without lenses	over 10 <sup>6</sup>
RDF5120DN (E)	Without lenses	over 10 <sup>6</sup>
DDF5050HDV-IM	Without lenses	over 10 <sup>6</sup>
DDF5050HDV-SM	Without lenses	over 10 <sup>6</sup>
DF5050HD-DN	Without lenses	over 10 <sup>6</sup>

## 1.5 PANOMERA®

Device	Limitation	Hours
Panomera® W8 Series	Without lenses	396 000
Panomera® S8 Series	Without lenses	396 000
Panomera® W4 Series	Without lenses	708 000
Panomera® S4 Series	Without lenses	708 000

# 1.6 MISCELLANEOUS

Device	Limitation	Hours
Workstation 3 Rack-Mount	Without hard disk drives	102 000
Workstation 3 Tower	Without hard disk drives	96 500
Server Rack-Mount 1RU	Without hard disk drives	80 000
Server 2 Rack-Mount 1 RU	Without hard disk drives	102 000

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