



**MTBF Calculations
August 2011**

Product	Description	MTBF (Hours)	Operating Temp Range
SIO Devices			
MR16in	16 input panel	>160,000	0 to 70 C
MR16out	16 output panel	>160,000	0 to 70 C
MR50	Single reader interface panel*	>180,000	-40 to 75 C
MR52	Two read interface panel*	>150,000	0 to 70 C
MR51e	Single reader PoE interface panel*	NA	0 to 70 C
	* Excludes relays		
Intelligent Controllers			
EP1501	Intelligent single reader PoE interface panel*	>150,000	0 to 70 C
EP1502	Intelligent dual reader interface panel*	>150,000	0 to 70 C
EP2500	Intelligent controller interface panel	>150,000	0 to 70 C
	* Excludes relays		
SCP	Intelligent controller	>180,000	0 to 70 C
SCPC	Intelligent controller, Compact	>190,000	0 to 70 C
SCPE	Intelligent controller, Expanded	>170,000	0 to 70 C
MUX8	8 port Device Multiplexer	>200,000	0 to 70 C
MUX4ISO	4 Port Device Multiplexer w/isolation	>200,000	0 to 70 C
Readers			
MR5	Magnetic Stripe Card Reader	>100,000	-40 to 70 C
MR10	Magnetic Stripe Card Reader	>100,000	-40 to 70 C
MR20	Magnetic Stripe Card Reader	>100,000	-40 to 70 C
	NA- Due to recent release date of product		