



Driverless Configuration Keys	Basic	Pro	Max	Max	Time	Max	Max	Max	Drive microSD
FORM FACTOR	Mini	Mini	Mini	Micro	Midi	Board	ExpressCard	Chip	Midi
SECURITY AND CRYPTOGRAPHIC ALGORITHMS									
Unique 32-Bit ID		✓	✓	✓	✓	✓	✓	✓	✓
AES 128-Bit Encryption	✓	✓	✓	✓	✓	✓	✓	✓	✓
64,000 Encryption Keys	1	✓	✓	✓	✓	✓	✓	✓	✓
On Chip Execution (AppOnChip)	✓*	✓*	✓	✓	✓	✓	✓	✓	✓
LICENSING MODELS SUPPORT									
Perpetual	✓	✓	✓	✓	✓	✓	✓	✓	✓
Feature-Based		✓	✓	✓	✓	✓	✓	✓	✓
Pay-Per-Use		✓	✓	✓	✓	✓	✓	✓	✓
Network Concurrency		✓ [#]	✓ [#]	✓ [#]	✓ [#]	✓ [#]	✓ [#]	✓ [#]	✓ [#]
Time-Based		✓*	✓	✓	✓	✓	✓	✓	✓
Custom		✓	✓	✓	✓	✓	✓	✓	✓
CLOCK									
Real Time Clock					✓				
V-Clock		✓*	✓	✓	✓	✓	✓	✓	✓
Battery Life Warranty					4 years				
Real Time Clock Accuracy (at 25± 5°C)					≤12.8 minutes/year				
MEMORY									
Protected Read / Write Memory		112 Bytes	4KB	4KB	4KB	4KB	4KB	4KB	4KB
Read Only Memory (ROM)		112 Bytes	2KB	2KB	2KB	2KB	2KB	2KB	2KB
Dynamic Memory			25KB	25KB	25KB	25KB	25KB	25KB	25KB
Data Retention		At least 10 years	At least 10 years	At least 10 years	At least 10 years	At least 10 years	At least 10 years	At least 10 years	At least 10 years
Write Cycles (EEPROM / Flash)		At least 1,000,000	At least 1,000,000	At least 1,000,000	At least 1,000,000	At least 1,000,000	At least 1,000,000	At least 1,000,000	At least 1,000,000
Max. licensable modules (Features, depending on license complexity)		11-39	240-2160	240-2160	240-2160	240-2160	240-2160	240-2160	240-2160
Flash (Read / Write) per second									* depends on microSD card
Flash Memory									Support microSD card up to 64GB
PHYSICAL SPECIFICATIONS									
Default Color	Blue	Purple	Green	Green	Black	Black	Silver Metal	Black	Green
Plastic Case Material	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate /Stainless Steel		Polycarbonate
Operating Temperature	-25°C to 85°C -13°F to 185°F	-25°C to 85°C -13°F to 185°F	-25°C to 85°C -13°F to 185°F	-25°C to 85°C -13°F to 185°F	-20°C to 60°C -4°F to 140°F	-25°C to 85°C -13°F to 185°F	-25°C to 85°C -13°F to 185°F	-25°C to 85°C -13°F to 185°F	0°C to 60°C 32°F to 140°F
Humidity Rating	0-95%	0-95%	0-95%	0-95%	0-95%	0-95%	0-95%	0-95%	0-95%
Power Consumption - operating / standby	50mA / < 0.5 mA	50mA / < 0.5 mA	50mA / < 0.5 mA	50mA / < 0.5 mA	50mA / < 0.5 mA	20mA / < 0.5 mA	25mA / < 0.5 mA	20mA / < 0.5 mA	20mA max
Dimensions L x W x H (in mm)	40.5 x 16 x 8	40.5 x 16 x 8	40.5 x 16 x 8	18 x 12.2 x 4.5	52 x 16 x 8	15.2x8x12.4	75 x 34 x 5	8.2 X 5.3 X 2.1	52x16x8
Weight (in grams)	5.63	5.63	5.63	1.64	7.36	1.23	15	N/A	6.98
CERTIFICATION									
Safety Certifications	EN60950	EN60950	EN60950	EN60950	EN60950	EN60950	EN60950	EN60950	EN60950
Certification / Compliance	RoHS, WEEE, REACH	RoHS, WEEE, REACH	RoHS, WEEE, REACH	RoHS, WEEE, REACH	RoHS, WEEE, REACH	RoHS, WEEE, REACH	RoHS, WEEE, REACH	RoHS, REACH	RoHS, WEEE
EMC Certifications	CE, FCC, VCCI	CE, FCC, VCCI	CE, FCC, VCCI	CE, FCC, VCCI	CE, FCC, VCCI	CE, FCC, VCCI	CE, FCC, VCCI	CE, FCC, VCCI	CE, FCC, VCCI

*Requires a paid upgrade

#Requires an ISV to purchase a pre-paid pool of network seats

Contact Us: For all office locations and contact information, visit www.safenet-inc.com | **Join the Conversation:** www.licensinglive.com | **Learn More or Get Started with a FREE Trial Today:** www.safenet-inc.com/software-monetization-solutions/

©2015 SafeNet, Inc. All rights reserved. SafeNet and SafeNet logo are registered trademarks of SafeNet. All other product names are trademarks of their respective owners. The information provided in this document summarizes the performance and other technical characteristics of SafeNet products. SafeNet makes all reasonable efforts to verify this information; however, the information provided in this document is only to educate you about the products and may be changed or updated at any time by SafeNet. SafeNet makes no explicit or implied claims or warranties with respect to the continuing validity of this information, which is provided "as is." DS (EN) - Jun.29.2015





HASP Configuration Keys	Basic	Pro	Max	Max	Max	Net	Time	NetTime	Drive
FORM FACTOR	Mini	Mini	Mini	Micro	ExpressCard	Mini	Midi	Midi	Maxi
SECURITY AND CRYPTOGRAPHIC ALGORITHMS									
Unique 32-Bit ID		✓	✓	✓	✓	✓	✓	✓	✓
AES 128-Bit Encryption	✓	✓	✓	✓	✓	✓	✓	✓	✓
64,000 Encryption Keys		✓	✓	✓	✓	✓	✓	✓	✓
LICENSING MODELS SUPPORT									
Perpetual	✓	✓	✓	✓	✓	✓	✓	✓	✓
Feature-Based		✓	✓	✓	✓	✓	✓	✓	✓
Pay-Per-Use		✓	✓	✓	✓	✓	✓	✓	✓
Network Concurrency						✓		✓	
Time-Based							✓	✓	
Custom		✓	✓	✓	✓	✓	✓	✓	✓
CLOCK									
Real Time Clock							✓	✓	
Battery Life Warranty							4 Years	4 Years	
Real Time Clock Accuracy (at 25± 5°C)							≤12.8 minutes/year	≤12.8 minutes/year	
MEMORY									
Protected Read / Write Memory		112 Bytes	4KB	4KB	4KB	4KB	4KB	4KB	4KB
Read Only Memory (ROM)		112 Bytes	2KB	2KB	2KB	2KB	2KB	2KB	2KB
Backward Compatibility Memory		112 Bytes	4KB	4KB	4KB	4KB	4KB	4KB	4KB
Data Retention		At Least 10 Years	At Least 10 Years	At Least 10 Years	At Least 10 Years	At Least 10 Years	At Least 10 Years	At Least 10 Years	At Least 10 Years
Write Cycles (EEPROM / Flash)		At Least 1,000,000	At Least 1,000,000	At Least 1,000,000	At Least 1,000,000	At Least 1,000,000	At Least 1,000,000	At Least 1,000,000	At Least 1,000,000/10,000
Max. licensable modules (Features, depending on license complexity)		39	231	231	231	231	231	231	231
Flash (Read / Write) per second									12MB / 5 MB
Flash Memory									2GB or 4GB
PHYSICAL SPECIFICATIONS									
Default Color	Blue	Purple	Green	Green	Silver Metal	Red	Black	Red	Green
Plastic Case Material	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate /Stainless Steel	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate
Operating Temperature	-25°C to 85°C -13°F to 185°F	-25°C to 85°C -13°F to 185°F	-25°C to 85°C -13°F to 185°F	-25°C to 85°C -13°F to 185°F	-25°C to 85°C -13°F to 185°F	-25°C to 85°C -13°F to 185°F	-20°C to 60°C -4°F to 140°F	-20°C to 60°C -4°F to 140°F	0°C to 70°C 32°F to 158°F
Humidity Rating	0-95%	0-95%	0-95%	0-95%	0-95%	0-95%	0-95%	0-95%	0-95%
Power Consumption - operating / standby	50mA / < 0.5 mA	50mA / < 0.5 mA	50mA / < 0.5 mA	50mA / < 0.5 mA	25mA / < 0.5 mA	50mA / < 0.5 mA	50mA / < 0.5 mA	50mA / < 0.5 mA	200mA Typical
Dimensions L x W x H (in mm)	40.5 x 16 x 8	40.5 x 16 x 8	40.5 x 16 x 8	18 x 12.2 x 4.5	75 x 34 x 5	40.5 x 16 x 8	52 x 16 x 8	52 x 16 x 8	68 X 18.6 X 8.2
Weight (in grams)	5.63	5.63	5.63	1.64	15	5.63	7.36	7.36	10.25
CERTIFICATION									
Safety Certifications	EN60950	EN60950	EN60950	EN60950	EN60950	EN60950	EN60950	EN60950	EN60950
Certification / Compliance	RoHS, WEEE, REACH	RoHS, WEEE, REACH	RoHS, WEEE, REACH	RoHS, WEEE, REACH	RoHS, WEEE, REACH	RoHS, WEEE, REACH	RoHS, WEEE, REACH	RoHS, WEEE, REACH	RoHS, WEEE, REACH
EMC Certifications	CE, FCC, KCC, VCCI	CE, FCC, KCC, VCCI	CE, FCC, KCC, VCCI	CE, FCC, KCC, VCCI	CE, FCC, KCC, VCCI	CE, FCC, KCC, VCCI	CE, FCC, KCC, VCCI	CE, FCC, KCC, VCCI	CE, FCC, KCC

Contact Us: For all office locations and contact information, visit www.safenet-inc.com | Join the Conversation: www.licensinglive.com
 Learn More or Get Started with a FREE Trial Today: www.safenet-inc.com/software-monetization-solutions/

©2014 SafeNet, Inc. All rights reserved. SafeNet and SafeNet logo are registered trademarks of SafeNet. All other product names are trademarks of their respective owners. The information provided in this document summarizes the performance and other technical characteristics of SafeNet products. SafeNet makes all reasonable efforts to verify this information; however, the information provided in this document is only to educate you about the products and may be changed or updated at any time by SafeNet. SafeNet makes no explicit or implied claims or warranties with respect to the continuing validity of this information, which is provided "as is." DS (EN) A4 - 11.04.14

