

# SIXNET Product Certification Quick Reference List

The following information is a summary of the standards and certifications that SIXNET products have been tested or evaluated to comply with.

Contact SIXNET or visit the SIXNET web site at <http://www.sixnetio.com> for the latest information.

- Guide:**
- ✓ – The product has been verified and/or tested to meet the indicated standard.
  - P – Pending (which means that we are in the process of getting the certification)
  - CE – This standard is part of the CE compliance for the European Union.
  - Tel/ITE – This is a TELCOM or ITE (Information Technology Equipment) standard.
  - DNV – Units that are tested or verified to meet DNV standards have ✓. Units that are fully type approved have ☑.

## IPm-based products:

Model	Safety		Hazardous		Emissions (Class B for all)				Immunity	DNV
	UL508, CSA 22.2	CE	UL1604, CSA 22.2	EN	FCC Part 15	ICES- 003	CE	CE	CE	DNV
		EN 61010		EN 50021			EN 55022	EN 61326-1	EN 61326-1	DNV
ST-IPM-#	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
VT-IPM-#	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
VT-UIPM-#	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
VT-MIPM-#	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ST-GT-#	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ET-GT-ST-3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

## EtherTRAK Ethernet switch products:

Model	Safety		Hazardous		Emissions (Class B for all)				Immunity	DNV
	UL508, CSA 22.2	CE	UL1604, CSA 22.2	EN	FCC Part 15	ICES- 003	CE	CE	CE	DNV
		EN 61010		EN 50021			EN 55022	EN 61326-1	EN 61326-1	DNV
ET-GT-3ES-#	✓	✓	✓	✓	✓	✓	✓	✓	✓	☑
ET-GT-5ES-#	✓	✓	✓	✓	✓	✓	✓	✓	✓	☑
ET-GT-9ES-#	✓	✓	✓	✓	✓	✓	✓	✓	✓	☑
EB-GT-8ES-1/1EP	✓	✓	✓	✓	✓	✓	✓	✓	✓	☑
ET-5MS-#	✓	✓	✓	✓	✓	✓	✓	✓	✓	☑
ET-9MS-#	✓	✓	✓	✓	✓	✓	✓	✓	✓	☑
ET-5ES-#	✓	✓	✓	✓	✓	✓	✓	✓	✓	☑
ET-9ES-#	✓	✓	✓	✓	✓	✓	✓	✓	✓	☑
ET-5RS-#	✓	✓	✓	✓	✓	✓	✓	✓	✓	☑
ET-9RS-#	✓	✓	✓	✓	✓	✓	✓	✓	✓	☑
ET-9RG-#	✓	✓	✓	✓	✓	✓	✓	✓	✓	☑
ET-9MG-#	✓	✓	✓	✓	✓	✓	✓	✓	✓	☑
ET-5xS-IP67-1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ET-5MS-MDM-1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

## EtherTRAK device servers:

Model	Safety		Hazardous		Emissions (Class B for all)				Immunity	DNV
	UL508, CSA 22.2	CE	UL1604, CSA 22.2	EN	FCC Part 15	ICES- 003	CE	CE	CE	DNV
		EN 60950		EN			EN 55022	EN 61326-1	EN 61326-1	DNV
ET-DS-1	✓	✓	✓		✓	✓	✓	✓	✓	-
ET-SDS-1	✓	✓	✓		✓	✓	✓	✓	✓	-

### EtherTRAK I/O products:

Model	Safety		Hazardous		Emissions				Immunity	DNV
	UL508, CSA 22.2	CE	UL1604, CSA 22.2	EN	FCC Part 15	ICES- 003	CE	CE	EN 61326-1	DNV
		EN 61010		EN 50021			EN 55022	EN 61326-1		EN 61326-1
ET-MIX24880	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ET-16DI2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ET-16DO2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ET-16AI2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ET-8INS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ET-8CNT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ET-8DI2-8DO2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ET-8DI2-8AI2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ET-4RTD-4DI2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ET-GT-232	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ET-GT-485	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ET-GT-ST-1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ET-GT-ST-2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

### VersaTRAK products:

Model	Safety		Hazardous		Emissions			Immunity	DNV
	UL508, CSA 22.2	CE	UL1604, CSA 22.2	EN	FCC Part 15	ICES- 003	CE	EN 50082-1	DNV
		EN 61010		EN 50021			EN 55022		DNV
VersaTRAK	✓	✓	✓	✓	✓	✓	✓	✓	✓
Mini-VersaTRAK	✓	✓	✓	✓	✓	✓	✓	✓	✓
VT-PB8	✓	✓	✓	✓	✓	✓	✓	✓	✓

### RemoteTRAK products:

Model	Safety		Hazardous		Emissions				Immunity	DNV
	UL508, CSA 22.2	CE	UL1604, CSA 22.2	EN	FCC Part 15	ICES- 003	CE	CE	EN 61326-1	DNV
		EN 61010		EN 50021			EN 55022	EN 61326-1		DNV
RM-RTU-8840	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
RM-8DI2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
RM-16DI2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
RM-8DO2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
RM-16DO2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
RM-8AI2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
RM-16AI2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
RM-4AO2 / 8AO2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
RM-8INS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
RM-4DI2-4DO2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
RM-4DI2-4AI2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
RM-232-485-4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

### SixTRAK products:

Model	Safety		Hazardous		Emissions			Immunity	DNV
	UL508, CSA 22.2	CE	UL1604, CSA 22.2	EN	FCC Part 15	ICES- 003	CE	EN 50082-1	DNV
		EN 61010		EN 50021			EN 55022		DNV
ST-MIX12884	✓	✓	✓	✓	✓	✓	✓	✓	✓
ST-MIX16880	✓	✓	✓	✓	✓	✓	✓	✓	✓
ST-DI-024-32	✓	✓	✓	✓	✓	✓	✓	✓	✓
ST-GT-232-02N	✓	✓	✓	✓	✓	✓	✓	✓	✓
ST-GT-ETH-24P	✓	✓	✓	✓	✓	✓	✓	✓	✓
ST-GT- all others	✓	✓	✓	✓	✓	✓	✓	✓	✓
ST-DI-024-08	✓	✓	✓	✓	✓	✓	✓	✓	✓
ST-DI- all others	✓	✓	✓	✓	✓	✓	✓	✓	✓
ST-DO-DC1-08	✓	✓	✓	✓	✓	✓	✓	✓	✓
ST-DO-AC1-08	✓	✓	✓	✓	✓	✓	✓	✓	✓
ST-DO-RLY-06	✓	✓	✓	✓	✓	✓	✓	✓	✓
ST-DO-DC3-08	✓	✓	✓	✓	✓	✓	✓	✓	✓
ST-DO- all others	✓	✓	✓	✓	✓	✓	✓	✓	✓

ST-AO-10V-08	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ST-AO-20M-08	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ST-AO- all others	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ST-AI-INS-08	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ST-AI-20M-16	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ST-AI- all others	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ST-EX-001-20U	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

### Modem products:

Model	Safety					Hazardous		Telcom	
	UL508, CSA 22.2	CE EN60 950	Tel/ITE AS/NZS 3260	Tel/ITE ACA TS001	Tel/ITE IEC 950	UL1604, CSA 22.2	EN 50021	Tel/ITE FCC Part 68	Tel/ITE CS-03
	VT-MODEM-1	✓	✓	✓	✓	✓	✓	✓	✓
VT-MODEM-2	✓	✓	✓	✓	✓	✓	✓	✓	✓
VT-MODEM-3	✓	✓	✓	✓	✓	✓	✓	✓	✓
VT-MODEM-4	✓	✓	✓	✓	✓	✓	✓	✓	✓
VT-MODEM-5	✓	✓	✓	✓	✓	✓	✓	✓	✓

Model	Emissions				Immunity		Marine & Offshore
	FCC Part 15 (ICES-003)	CE EN 55022	Tel/ITE AS/NZS 3548	Tel/ITE ACA TS002	CE EN 50082-1	DNV	
	VT-MODEM-1	✓ Class B	✓	✓	✓		✓
VT-MODEM-2	✓ Class B	✓	✓	✓	✓	✓	
VT-MODEM-3	✓ Class B	✓	✓	✓	✓	✓	
VT-MODEM-4	✓ Class B	✓	✓	✓	✓	✓	
VT-MODEM-5	✓ Class B	✓	✓	✓	✓	✓	

### RemoteLog products:

Model	Safety						Hazardous		Telcom	
	UL508, CSA 22.2	EN 61010	CE EN 60950	Tel/ITE AS/NZS 3260	Tel/ITE ACA TS001	Tel/ITE IEC 950	UL1604, CSA 22.2	EN 50021	Tel/ITE FCC Part 68	Tel/ITE CS-03
	SR-4160-1T-1	✓	✓	✓	✓	✓	✓	✓	✓	✓
SR-4160-1S-1	✓	✓	NA	NA	NA	NA	✓	✓	NA	NA
SR-4160-1SL-1	✓	✓	NA	NA	NA	NA	✓	✓	NA	NA
SR-4160-1E-1	✓	✓	NA	NA	NA	NA	✓	✓	NA	NA

Model	Emissions (Class B for all)					Immunity		DNV
	FCC Part 15 (ICES-003)	CE EN 55022	CE EN 61326-1	Tel/ITE AS/NZS 3548	Tel/ITE ACA TS002	CE EN 61326-1	DNV	
	SR-4160-1T-1	✓	✓	✓	✓	✓	✓	☑
SR-4160-1S-1	✓	✓	✓	NA	NA	✓	☑	
SR-4160-1SL-1	✓	✓	✓	NA	NA	✓	☑	
SR-4160-1E-1	✓	✓	✓	NA	NA	✓	☑	

### Power supplies:

Model	Safety				Hazardous	Emissions (Class B for all)			Immunity		DNV
	CE EN 60950	UL/CSA 1950 or 60950	TUV 60950	UL508, CSA		FCC Part 15 (ICES-003)	CE EN 55022	CE EN 61326-1	CE EN61326-1 or EN50082-1	DNV	
	ET-PS-024-02	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
ST-PS-024-05	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	
RM-PS-024-01	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
VT-PS-024-02N	✓	✓	-	✓	✓	✓	✓	✓	✓	☑	
ST-PS-024-02N	✓	✓	-	✓	✓	✓	✓	✓	✓	☑	

## Markings:

Below are some of the standard and compliance ratings you may see on a SIXNET product.



All products sold in Europe must have the CE mark. This means the products meet the appropriate directives. At this time only the EMC Directive (emissions and immunity) and Low Voltage Directive (safety) apply.



**FCC Part 15:** This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

**FCC Part 68:** Complies with Part 68 of FCC rules: Reg. #####; Ringer Equiv. #.#B; Jack (USOC) RJ11



This is the symbol for Det Norske Veritas. Though most of SIXNET products have been tested for DNV compliance, SIXNET doesn't currently put this symbol directly on any products.



This is the UL Listed mark. The "C" and "US" means that the product has been tested to both USA and Canada standards. SIXNET applies this mark to products that have been certified UL1604 and UL508.



This is the UL Recognized mark. The "C" (and optionally a "US") means that the product has been tested to both USA and Canada standards. SIXNET applies this mark to products that have been certified for UL508 only.



This is the A-tick mark. All information technology equipment (telcom devices) must meet the AS/NZS 3548 standard to be sold in Australia or New Zealand. SIXNET applies this mark to modem products.



This is the required Industry Canada mark for telecommunication products. SIXNET applies this only to modem products to indicate that they meet CS-03, the Canadian version of FCC Part 68.



This is the CSA mark. SIXNET doesn't put this on any products. SIXNET gets CSA certification through UL and puts the CUL mark (see above) on the products.