











Choosing the right Marine Multiplexer...

Quark-Elec's NMEA converters and multiplexers

Features		A027	A026+	A031	A032	A033	A034 / A034B	A035	A036
									
Description	Function	Dual channel AIS receiver, multiplexer, SeaTalk ¹⁺ to NMEA converter Combines AIS, GPS and SeaTalk ¹⁺ Outputs Wi-Fi, USB and NMEA 0183	NMEA 2000 AIS Receiver with NMEA Multiplexer+N2K Converter + Wi-Fi + GPS Outputs to USB/Wi-Fi/NMEA 0183/ NMEA 2000	NMEA 0183 and SeaTalk ¹⁺ multiplexer. Combines up to 3 NMEA 0183 inputs with SeaTalk ¹⁺ . Outputs Wi-Fi, USB and NMEA 0183	NMEA 2000/0183 Bi-directional Gateway Combines NMEA 2000/0183 Outputs Wi-Fi, USB and NMEA 2000/0183	Bi-directional Wi-Fi Multiplexer with SeaTalk ¹⁺ converter Combines up to 3 NMEA 0183 inputs with SeaTalk ¹⁺ , Wi-Fi and USB input Outputs Wi-Fi, USB and NMEA 0183	Bi-directional Wi-Fi/NMEA 2000/NMEA 0183/USB Multiplexer Included SeaTalk ¹⁺ to NMEA 0183 converter Outputs Wi-Fi, USB and NMEA 2000 and NMEA 0183	NMEA 0183 4x4 Multiplexer with SeaTalk ¹⁺ converter and Integrated Voyage Data Logger Combines up to 4 NMEA 0183 inputs with SeaTalk ¹⁺ , Wi-Fi and USB Outputs Wi-Fi, USB and NMEA 0183	NMEA 2000 to Wi-Fi/USB Bi-directional Converter With Integrated Voyage Data Logger Outputs NMEA2000
INPUT connections	NMEA 0183 input		✓	✓x3	✓	✓x3	✓x3	✓x4	
	NMEA 2000 input		✓		✓		✓		✓
	SeaTalk TM bus input (SeaTalk converting)	✓	✓	✓		✓	✓	✓	
	AIS receiver integrated (requires AIS antenna)	✓ Dual channel BNC connection	✓ Dual channel SO239						
	GPS module integrated (requires GPS antenna)	✓ SMA	✓ TNC						
OUTPUT connections	USB (NMEA 0183 format) output	✓	✓ 2 way	✓	✓	✓ 2 way	✓ 2 way	✓ 2 way	
	NMEA 0183 output	✓	✓	✓	✓	✓x2	✓ (A034-B only)	✓x4	
	NMEA 2000 network		✓		✓		✓		✓
Power source	Powered through	SeaTalk ¹⁺ bus (12V)	12V - 15V	12V - 35V	N2K bus (12V)	12V - 35V	N2K bus (12V)	12V - 15V	N2K bus (12V)
Multiplexing	Multiplexing	✓ AIS + GPS + SeaTalk ¹⁺	✓ AIS + GPS + NMEA	✓	✓	✓	✓	✓	
	Filtering		✓			✓	✓	✓	
	Routing		✓			✓	✓	✓	
Wi-Fi	Ad-hoc and station modes	✓	✓ 2 way	✓	✓	✓ 2 way	✓ 2 way	✓ 2 way	✓
	Option to disable Wi-Fi		✓		✓	✓	✓	✓	
Configuration	Configuration through USB port. Windows PC required	✓	✓	✓	✓	✓	✓	✓	✓
Compatible devices and software	Windows / Mac / Linux through USB	✓	✓	✓	✓	✓	✓	✓	✓
	Chart Plotters	✓	✓	✓	✓	✓	✓	✓	✓
	Android/iOS	Wi-Fi	Wi-Fi	Wi-Fi	Wi-Fi	Wi-Fi	Wi-Fi	Wi-Fi	Wi-Fi
Voyage data recorder	Save voyage data to SD card							✓	✓