

COMPARISON TABLE	Yacht Router Micro 4G Booster	Yacht Router Mini 4G Booster	Yacht Router Standard 4G Booster	Yacht Router Pro 4G Booster	Mobile Expander Pro	Mobile Expander	LAN Expander Pro	LAN Expander	WiFi Extender
Compatibility									
WAN, LAN, BACKBONE NETWORKS									
Ethernet WAN ports	not available	1	2	2	not available	not available	not available	not available	not available
Ethernet LAN ports	not available	2	3	6	not available	not available	1-23 (customizable)	1-4 (customizable)	1-4 (customizable)
Backbone LAN ports	1	1	3	5	1	1	1-24 (1 by default, customizable)	1-5 (1 by default, customizable)	1-5 (customizable, port 1 is PoE Backbone)
Dedicated Mobile Expander Pro port	not available	not available	not available	yes	yes	not available	not available	not available	not available
Max. data rate on WAN/LAN/Backbone ports (per port)	100 Mbps	100 Mbps	100 Mbps	1 Gbps	1 Gbps	100 Mbps	1 Gbps	1 Gbps	1 Gbps
EXPANDERS, EXPANDERS, CONTROLLER SUPPORT									
WiFi Extender support	no	yes	yes	yes	no	no	no	yes	yes
Max. number of supported WiFi Extenders	not available	1	unlimited	unlimited	not available	not available	depends on connected Yacht Router	depends on connected Yacht Router	depends on connected Yacht Router
Mobile Expander support	yes	yes	yes	no	no	no	no	yes	yes
Mobile Expander Pro support	no	no	no	yes	no	no	no	no	not available
LAN Expander support	yes	yes	yes	yes	no	no	yes	yes	yes
LAN Expander Pro support	no	no	no	yes	no	no	yes	no	not available
Touch Screen Controller support	yes	yes	yes	yes	no	no	yes	yes	yes
PoE injector power outputs	1	2	3	5	not available	not available	not available	4	4
VESSEL-TO-SHORE WIFI BOOSTER									
Power-over-Ethernet (8-30 VDC)	yes	yes	yes	yes					
Supported standards	b/g/n	b/g/n	b/g/n	b/g/n					
Max. data rate (Mbps)	100	100	100	100					
Max. transmit power (dBm)	32	32	32	32					
Max. transmit power (mW)	1600	1600	1600	1600	not available	not available	not available	not available	not available
Sensitivity of included antenna (dB)	6	6	6	6					
Antenna connector type (router side)	N-type female								
Dimension (mm, WxDxH, without antenna)	45x45x180	45x45x180	45x45x180	45x45x180					
CLIENT-TO-VESSEL WIFI									
Max. number of networks	1	2	3	9					depends on connected Yacht Router
Supported standards	b/g/n	b/g/n	b/g/n	b/g/n					b/g/n
Max. data rate (Mbps)	54	54	54	54					100
Max. transmit power (dBm)	27	27	27	27					30
Max. transmit power (mW)	500	500	500	500					1000
Sensitivity of included antenna (dB)	2	2	2	2					2.5 (integrated)
Antenna connector type (router side)	N-type female								not available
MOBILE NETWORK									
Integrated modems	1	1	1	1	3	1			
Europe/Africa/Asia/Oceania modem									
LTE frequency bands (MHz)	800 (B20), 900 (B8), 1800 (B3), 2100 (B1), 2600 (B7)								
WCDMA frequency bands (MHz)	900 (B8), 2100 (B1)								
GSM/GPRS/EDGE frequency bands (MHz)	900, 1800, 1900								
Americas modem									
LTE frequency bands (MHz)	700 (B17), AWS (B4), 2100 (B1)								
WCDMA frequency bands (MHz)	800 (B6), 850 (B5), 1900 (B2), 2100 (B1)								
GSM/GPRS/EDGE frequency bands (MHz)	850, 900, 1800, 1900								
Max. download rate (Mbps)	100								
Max. upload rate (Mbps)	50								
Max. transmit power in LTE/4G (dBm)	24								
Max. transmit power LTE/4G (mW)	250								
Max. transmit power in WCDMA (dBm)	24								
Max. transmit power WCDMA (mW)	250								
Max. transmit power in GSM/GPRS/EDGE (dBm)	33								
Max. transmit power GSM/GPRS/EDGE (mW)	2000								
SIM card slots	1	1	1	1	3	1			
SIM card size	Standard GSM (ID-000)								
Sensitivity of included antenna (dB)	2								
Antenna connector type (router side)	N-type female								
POWER, ENVIRONMENT AND DIMENSIONS									
DC power supply input range (V)	10-30	10-30	10-30	10-30	10-30	10-30	10-30	10-30	10-30
AC Power supply input range (V)	not available	not available	not available	90-240	not available	not available	not available	not available	not available
Automatic switching AC-DC power controller	not available	not available	not available	yes	yes (via Yacht Router Pro)	not available	yes (via Yacht Router Pro)	not available	not available
Regulated DC power outputs	not available	not available	not available	7	1	not available	1	not available	not available
Max. power consumption (W, without WiFi/LAN Extenders)	28	31	31	41	53	16	15	5	7
Operating temperature range (°C)	-10 to +60	-10 to +60	-10 to +60	-10 to +60	-10 to +60	-10 to +60	-10 to +60	-10 to +60	-10 to +60
Operating humidity range (% non-condensing)	5-95	5-95	5-95	5-95	5-95	5-95	5-95	5-95	5-95
Enclosure material	aluminum	aluminum	aluminum	steel	steel	aluminum	steel	aluminum	ABS
Enclosure mount type	wall	wall	wall	19" rack	19" rack	wall	19" rack	wall	wall
IP protection	IP50	IP50	IP50	IP40	IP40	IP50	IP40	IP50	IP50
Dimension (mm, WxDxH, without antennas)	150x204x52	150x246x72	212x292x80	483x328x45	483x328x45	150x204x52	483x328x45	150x89x52	178x150x60
SOFTWARE FEATURES									
Hotspot	no	no	yes	yes	not available	not available	not available	not available	depends on connected Yacht Router
Hotspot supported on Client-to-Vessel WiFi networks	not available	not available	1	8	not available	not available	not available	not available	depends on connected Yacht Router
WAN auto-switching	no	no	no	yes	not available	not available	not available	not available	not available
Online Remote Support	yes	yes	yes	yes	yes	yes	yes	yes	yes
Selectable WAN source for each vessel network	yes	yes	yes	yes	not available	not available	not available	not available	not available
Detailed usage statistics	yes	yes	yes	yes	yes	yes	yes	yes	yes
Flexible assigning of LAN ports to vessel networks	not available	yes	yes	yes	not available	not available	yes	yes	yes
Customizable WiFi power output	yes	yes	yes	yes	not available	not available	not available	not available	yes
Mobile Network Bonding	not available	not available	not available	yes	yes	no	not available	not available	not available
CLOUD SERVICE									
Available remote user accounts:	1	2	3	10	not applicable	not available	not available	not available	not available
ORDERING INFORMATION (package)									
Europe/Africa/Asia/Oceania version code	LYR-CB-P	LYR-MB-P	LYR-SB-P	LYR-PB-P	LYR-MEB-P	LYR-MSB-P	LYR-EEB-P	LYR-LXB-P	LYR-WXB-P
Americas version code	LYR-CB-P-A	LYR-MB-P-A	LYR-SB-P-A	LYR-PB-P-A	LYR-MEB-P-A	LYR-MSB-P-A	not available	not available	not available
NOTE	Can be ordered as a combination of Europe/Africa/Asia/Oceania and Americas version								