

GLOBAL ROUTERS

Smart Cellular Routers



	ER75i v2	LR77 v2 Libratum	UR5i v2 Libratum	UR5i v2	LR77 v2	CR10 v2	XR5i v2F	XR5i v2E	SmartFlex	SmartMotion	SmartStart
MOBILE WIRELESS NETWORK TECHNOLOGY											
GPRS	✓	✓	✓	✓	✓	✓	✓	✓	✓	optional	✓
UMTS/HSPA+		✓	✓	✓	✓	✓	✓	✓	✓	optional	✓
LTE		✓			✓				✓	optional	Cat1/Cat4
LTE 450					optional				optional	optional	
CDMA 2000 1X, EV-DO Rev. A, B						✓			•	optional	
WAN ETHERNET	optional	✓	✓	optional	optional	optional	✓	✓	✓	✓	
Two VF modules										✓	
COMMUNICATION INTERFACES AND EXPANSIONS											
Ethernet 10/100	✓	2x	2x	✓	✓	✓	✓	2x	2x	2x	✓
Ethernet 10/100 3-port switch	optional			optional	optional	optional			optional		
Maximum number of ETH ports	3	2	2	3	3	3	3	2	5	2	1
SD Card Holder	optional			optional	optional	optional	optional		✓	✓	
Wi-Fi (IEEE 802.11 b, g, n)	optional	optional	optional	optional	optional	optional	optional	optional	optional	optional	optional
USB Host	✓			✓	✓	✓	✓		✓	✓	
RS232/RS422/RS485	optional			optional	optional	optional	optional		✓		RS232
MBUS, Wireless MBUS	optional			optional	optional	optional	optional				
I/O CNT (4x bin. IN, 2x analog IN, 1x output)	optional			optional	optional	optional	optional				
I/O (1xIN/1xOUT)	✓			✓	✓	✓	✓		2xIN / 1xOUT	2xIN / 1xOUT	1xIN / 1xOUT
GPS Receiver				optional	optional				by module	✓	
CPU, RAM, CONSUPTION, SIM, DESIGN, ENVIRONMENTAL, DIMENSIONS											
CPU Power (MHz)	333	333	333	333	333	333	333	333	1000	1000	1000
Flash RAM / RAM / M-RAM (MB / MB / kB)	16 / 64 / 128	16 / 64 / 128	16 / 64 / 128	16 / 64 / 128	16 / 64 / 128	16 / 64 / 128	16 / 64 / 128	16 / 64 / 128	256 / 512 / 128	256 / 512 / 128	256 / 512 / 128
Consumption - Idle / Average / Peak / Sleep Mode	2,3 / 4,5 / 6,5W / -	2,3 / 3,5 / 5,5W / -	2,3 / 3,5 / 5,5W / -	2,3 / 4 / 6W / -	2,3 / 4 / 6W / -	2 / 3,5 / 4W / -	2 / 2,5 / 3W / -	2 / 2,5 / 3W / -	2,5 / 4 / 11 W / 10mW	2,5 / 4 / 11 W / 10mW	2,7 / 5,5 / 11 W / 40mW
2xSIM Card	optional	✓	✓	optional	optional	optional			✓	4	✓
Antenna Rx Diversity		✓	✓	✓	✓	✓			✓	✓	✓
Power Supply (V DC)	10 - 30	10 - 30	10 - 30	10 - 30	10 - 30	10 - 30	10 - 30	10 - 30	10 - 60	10 - 60	10 - 36
Op. Temperature (°C)	-40 to +75	-40 to +75	-40 to +75	-40 to +75	-40 to +75	-30 to +60	-40 to +75	-40 to +75	-40 to +75 (-20 to +60 LTE450)	-40 to +75 (-20 to +60 LTE450)	-40 to +75
Plastic Casing (mm)	51x87x116	51x87x116	51x87x116	51x87x116	51x87x116	51x87x116	51x87x116	51x87x116	55x97x125	55x97x125	30x87x127
Metal Casing (mm)	42x87x113	42x87x113	42x87x113	42x87x113	42x87x113	42x87x113	42x87x113	42x87x113	55x97x125	55x97x125	
DIN holder TS35/TS32	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
FUNCTIONS											
Linux	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
IPSec, OpenVPN, PPTP, L2TP, GRE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Authentication (X.509 certificate, Pre-shared key, PW)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
EasyVPN	optional	optional	optional	optional	optional	optional	optional	optional	optional	optional	optional
Firewall, NAT/PAT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DHCP	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HTTP/HTTPS Server, Telnet/SSH, NTP Server, NTP Client	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DynDNS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
FTP Server	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SNMP	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
VRRP	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SMTP, E-mail, SMS Functions	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
VLAN 802.1Q	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
QoS, IGMP, BGP, OSPF, RIP	optional	optional	optional	optional	optional	optional	optional	optional	optional	optional	optional
PPPoE Bridge	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
COM Port TCP/UDP server/client	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MODBUS RTU/TCP Gateway	optional			optional	optional	optional	optional	optional	✓	✓	✓
4 Configuration Profiles	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Automatic Configuration and FW Update	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ADDITIONAL SOFTWARE SUPPORT											
Support of Software User Modules	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SmartWorx HUB™	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
R-SeeNet™	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Smart Cluster™	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

