

# 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
<b>MOBILE WIRELESS NETWORK TECHNOLOGY</b>											
GPRS	✓	✓	✓	✓	✓				✓	optional	✓
UMTS/HSPA+		✓	✓	✓	✓				✓	optional	✓
LTE		✓							✓	optional	✓
LTE 450					optional				optional	optional	
CDMA 2000 1X, EV-DO Rev. A, B						✓				optional	
WAN ETHERNET	optional	✓	✓	optional	optional	optional	✓	✓	✓	✓	
Two VF modules										✓	
<b>COMMUNICATION INTERFACES AND EXPANSIONS</b>											
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	✓	
<b>CPU, RAM, CONSUPTION, SIM, DESIGN, ENVIRONMENTAL, DIMENSIONS</b>											
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	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>FUNCTIONS</b>											
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		✓	✓	✓
4 Configuration Profiles	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Automatic Configuration and FW Update	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>ADDITIONAL SOFTWARE SUPPORT</b>											
Support of Software User Modules	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SmartWorx HUB™	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
R-SeeNet™	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Smart Cluster™	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓



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