

Elpro Radio Telemetry series- key product features.

These radios and I/O modules have found themselves a firm and well established favourite with many UK Utility companies. They benefit from unique flexibility in usage, exceptional reliability, and ease of use. All of the RM105, 115-S series (expansion I/O) series and RM 505 series are fully interoperable.

Spotcom are able to offer a full package of required hardware and services to compliment the range, along with our respected free-of-charge support, if needed.

The following table illustrates many of their key features.

Telemetry Range- Standard Features. Digital Inputs/ Outputs Analogue Inputs/ Outputs Pulse Inputs/ Outputs/ Outputs Pulse Inputs/ Outputs/ Outputs/ Outpu		1	
Telemetry Range- Standard Features. Digital Inputs/ Outputs Analogue Inputs/ Outputs Pulse Inputs/ Outputs/ O	Key Elpro EL105/115/505 Radio	1	EL105U-1,2,3,4, EL105U-L-T,R
Standard Features. Digital Inputs/ Outputs Analogue Inputs/ Outputs Pulse Inputs/ Outputs Standard Features Pulse Inputs/ Outputs Pulse Inputs/ Outputs Pulse Inputs/ Outputs Pulse Inputs/ Outputs Yes Not 105U-G, 105U-R Not EL50S, EL105L-T Encrypted Digital Transmissions Acknowledged Transmissions Acknowledged Transmissions Acknowledged Transmissions Acknowledged Transmissions Acknowledged Transmissions Yes All Units Acknowledged Transmissions Yes All 105U Units Internal Solar panel charge regulator Yes EL105U-G-MD1 DF1 serial interface Yes EL105U-G-MD1 Profibus Master Interface Yes EL105U-G-MD1 Profibus Slave Interface Yes EL105U-G-PR1 Modbus TCP Interface Yes EL105U-G-PR1 Modbus Master Interface Yes EL105U-G-ET1 Modbus Master Interface Yes EL105U-G-MD1 Ether IP interface Yes EL105U-G-ET1 Expandable system Yes All Units Compatible with Low power EL505 Yes All Units Multiple Mapping ability Yes All Units 10 to 15 year service life Yes All Units Not 50 year Marranty Yes All Units Removable Connectors Yes All Units Industrial standard Alloy case Easy, FOC configuration Utility, / doc gen Yes Not 505U-2* Pre-configured- operation straight out of the box Ethernet Wired connectivity Yes Eth105U-C-P1 and P2 kits only Pos Ethernet Wired connectivity Yes EL105U-C-P1 and P2 kits only Pos Eth105U-C-P1 and P2 kits only Pos Eth205U-C-P1 and P2 kits only Eth205U-C-P1 and P2 kits only Pos Eth205U-C-P1 and P2 kits only Pos Eth205U-C-P1 and P2 kits only Pos Eth20			
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Multiple Mapping ability Yes All Units 10 to 15 year service life Yes All units 5 Year Warranty Yes All Units Removable Connectors Yes All Units Nisible Diagnostic LED's Industrial standard Alloy case Easy, FOC configuration Utility, / doc gen Yes All units RS 232 configuration Yes All Units	Expandable I/O Node count (with EL-115S)	Yes	All Units
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Removable Connectors Visible Diagnostic LED's Visible Diagnostic LED's Ves All units Industrial standard Alloy case Easy, FOC configuration Utility, / doc gen RS 232 configuration Yes All units RS 232 configuration Yes All Units All Units S8 to 72 MHz option (licenced) Yes Ionger distance/ Terrain 148 to 174 MHz option (licenced) Yes Ionger distance/ Terrain Yes All Units Not 505K, 105U-L* Ves Not 505K, 105U-L* Not 505K, 105U-L* Not 505K, 105U-L* S68 MHz option (licence free, Europe) Yes Not 505U-2* Pre-configured- operation straight out of the box Ethernet Wired connectivity Yes EL115E-2	10 to 15 year service life	Yes	All units
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Easy, FOC configuration Utility, / doc gen Yes All units RS 232 configuration Yes All Units 58 to 72 MHz option (licenced) Yes longer distance/ Terrain 148 to 174 MHz option (licenced) Yes longer distance/ Terrain 450 – 470 MHz option (licenced) Yes Not 505K, 105U-L* 458 MHz option (licence free, UK, Ireland*) Yes Not 505K, 105U-L* 868 MHz option (licence free, Europe) Yes Not 505U-2* Pre-configured- operation straight out of the box Ethernet Wired connectivity Yes EL115E-2	Industrial standard Alloy case	Yes	All 105/505 Units
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868 MHz option (licence free, Europe) Pre-configured- operation straight out of the box Ethernet Wired connectivity Yes Not 505U-2* EL105U-L-P1 and P2 kits only EL115E-2	450 – 470 MHz option (licenced)	Yes	Not 505K, 105U-L*
868 MHz option (licence free, Europe) Pre-configured- operation straight out of the box Ethernet Wired connectivity Yes Not 505U-2* EL105U-L-P1 and P2 kits only EL115E-2	458 MHz option (licence free, UK, Ireland*)	Yes	Not 505K, 105U-L*
Pre-configured- operation straight out of the box Ethernet Wired connectivity Presconfigured- operation straight out of the box EL105U-L-P1 and P2 kits only EL115E-2		Yes	
box Ethernet Wired connectivity Yes EL115E-2			
Ethernet Wired connectivity Yes EL115E-2			,
		Yes	EL115E-2
	Industrial quality and Life		All units.

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