

TELEMETRY SYSTEM

TLK - /TLW-E

The possibility of remotely monitoring and controlling the station allows to optimize operation by preventing malfunctions and reducing intervention times in the event of a breakdown. RVR has a full set of remote control systems.

MODELS

TLK300 TLK302T
TLK301 /TLW-E



There are IP telemetry modules that can be integrated into the compact transmitters of the TEXLCD and TEXTFT series, SNMP telemetry for individual transmitting devices or systems, SNMP2 telemetry systems for complex and redundant configurations, all compatible with any device such as smartphone, Desktop PC, Laptop.

Versions available for serial port, GSM, WEB, easy to configure and fully compatible with any operating system.

- **TLK300: SNMP external unit for single devices and systems.**
- **TLK301: SNMPv2, SNMPT Auth mail and slave SCMLCD4+1 systems.**
- **TLK302T: SNMP2 external unit for single devices and systems.**
- **/TLW-E: module that can be integrated into BLUES-NV, TEX-LCD and TEX-TFT devices.**

ORDERING INFORMATION	
Model	Description
TLK300	The telemetry systems allow for an immediate intervention in case of fault, thanks to the radio station remote control.
VERSION	
TLK300/V9	Telemetry unit SERIAL only for TX 1+1 Compact Transmitter Series with SCML1+1SL.
TLK300/V10	Telemetry unit GSM only for TX 1+1 Compact Transmitter Series with SCML1+1SL.
TLK300/V11	Telemetry unit WEB only for TX 1+1 Compact Transmitter Series with SCML1+1SL.
TLK300/V12	Telemetry unit WEB + GSM only for TX 1+1 Compact Transmitter Series with SCML1+1SL.

ORDERING INFORMATION	
Model	Description
TLK301	The telemetry systems allow for an immediate intervention in case of fault, thanks to the radio station remote control.
VERSION	
TLK301/V1	Telemetry unit serial for TX modular line.
TLK301/V2	Telemetry unit GSM for TX modular line.
TLK301/V3	Telemetry unit LAN for TX modular line.
TLK301/V4	Telemetry unit LAN+GSM for TX modular line.
TLK301/V5	Telemetry unit serial for TX PLUG-IN-CA.
TLK301/V6	Telemetry unit GSM for TX PLUG-IN-CA.
TLK301/V7	Telemetry unit LAN for TX PLUG-IN-CA.
TLK301/V8	Telemetry unit LAN+GSM for PLUG-IN-CA.

ORDERING INFORMATION	
Model	Description
TLK302T	TLK302T is an evolution of the TLK300 Telemetry Serie that includes additional functions for telemetry.
TLK302T-02	Double Telemetry unit WEB.
TLK302T-M	Telemetry unit WEB + FM Radio Receiver and Modulation Analyzer.

Module that can be integrated into BLUES-NV ,TEX-LCD and TEX-TFT devices.

ORDERING INFORMATION	
Model	Description
/TLW-BLU-E	BLUES30NV BLUES50NV
/TLW-TEX-E	TEX30LCD/S TEX50LCD/S TEX100LCD/S TEX150LCD/S TEX300LCD TEX502LCD TEX702LCD TEX3500LCD
/TLW-TFT-E	TEX32TFT TEX52TFT TEX302LCD/S TEX502TFT TEX702TFT TEX1002TFT TEX1003TFT TEX1703TFT TEX2003TFT TEX2503TFT TEX5004TFT





TLK300

Telemetry System.



Web Administration for TLK-WEB

Auto Refresh: Ready!

Menu selection

User:
Info
Measure
Alarm List

Operator:
General
Command
Alarm Delete

Administrator:
General
Command
Alarm Delete
Password
Network
Mail

Config.	32	TX1 R.F. Mute	Absent	
Status	Remote			CMD RESET <input type="button" value="Set"/>
Tx1 OnAIR	Absent	Tx2 Fwd Power	0 W	CMD Auto/Man <input type="button" value="Set"/>
Tx1 Good	Absent	Tx2 Rfl Power	0 W	CMD Exchange <input type="button" value="Set"/>
Tx2 OnAIR	Present	Tx2 Freq.	0 MHz	CMD TX1 On/Off <input type="button" value="Set"/>
Tx2 Good	Absent	Tx2 Mod.	0 KHz	CMD TX2 On/Off <input type="button" value="Set"/>
SCM Status	Manual	Tx2 Vpa	0 V	
		Tx2 Ipa	0 A	
		Tx2 Mod. L	0 KHz	
TX1 Fwd Power	0 W	Tx2 Mod. R	0 KHz	
TX1 Rfl Power	0 W	Tx2 PLL Lock	Absent	
TX1 Freq.	0 MHz	Tx2 Audio Alarm	Absent	
TX1 Mod.	0 KHz	Tx2 Folback	Absent	
TX1 Vpa	0 V	Tx2 R.F. Mute	Absent	
TX1 Ipa	0 A			
TX1 Mod. L	0 KHz	SCM Tot Retry	10	
TX1 Mod. R	0 KHz	SCM Retry	0	
TX1 PLL LOCK	Absent	SCM Switch	Absent	
TX1 Audio Alarm	Absent	SCM Fault	Absent	
TX1 Folback	Absent			



TLK301

Telemetry System.



Web Administration for TLK-WEB

Stazione: TLK301 Utente: admin

Comandi

Comandi

Alarms

Event

Start

Measurement

SNRP

Aggiornamenti automatici: 5 secondi

TX Measures

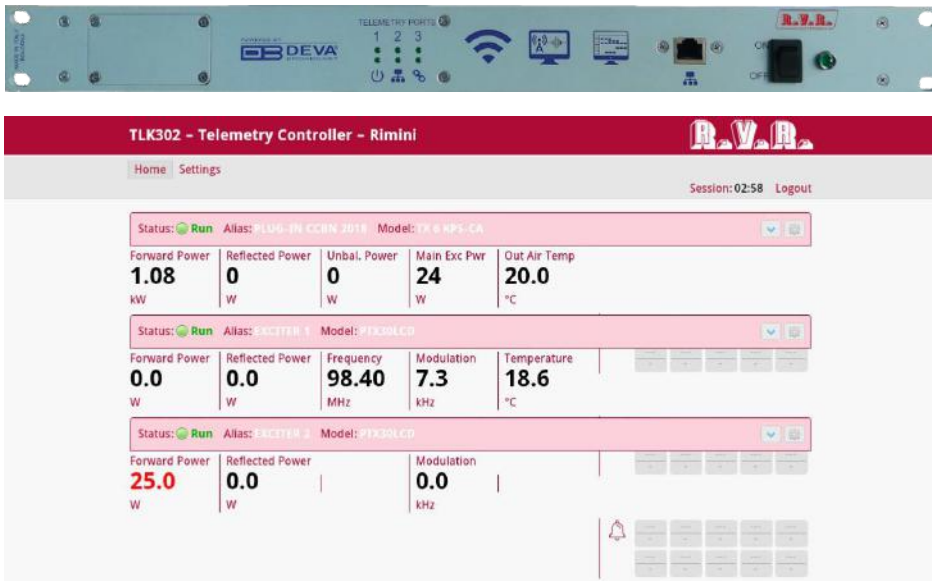
0 W TX Forward Power	0 W TX Reflected Power	0 W TX Unbalanced Power	ON	Stby	OFF
Normal Power	Low Power	Fault/Reset	Wait	Warning	Remote
Over Temperature	-50 °C TX Temperature	Exct <input type="checkbox"/> End Exctbr Order	Auto <input type="checkbox"/> Man Chargeover Mode	Safety	Main Fault

Exc: #1 Measures

0.00 MHz Frequency Exct	0.0 V Vpa Exct	0.0 V Ipa Exct	0.0 W Forward Pwr Exct	0.0 W Reflected Pwr Exct	0.0 W Temp Exct
0.0 V Modulation Exct	0.0 V Ch L Exct	0.0 V Ch R Exct	Folback	PLL Lock	R.F. Mute
Audio Alarm					

Exc: #2 Measures

TLK - /TLW-E



TLK302T

Telemetry System.



/TLW-E

Telemetry System.



TLK300

Parameters		Value	Notes
GENERALS			
Ambient working temperature		-10 °C to + 50 °C / 95%	Relative humidity non condensing
POWER REQUIREMENTS			
AC Power input	AC Supply Voltage	VAC	80 - 260
	AC Apparent Power Consumption	W	25
	Connector		VDE IEC Standard
DC Power Input	DC Supply Voltage	VDC	12
	DC Current		< 3 a
MECHANICAL DIMENSIONS			
Physical dimensions	L x H x W	mm / inch	483 / 19
		mm / inch	88 / 3 1/2
Weight		kg	About 4,3
Cooling			Convection cooling
Acoustic noise		dBA	0
INTERFACES			
Signalling LEDs			Yes
Display	40X2 Alphanumerical		No
Push buttons	4 (UP, DOWN, ENTER, ESC)		No
USB	TELECON Protocol		Yes
RS232	TELECON Protocol		Yes
RS485	PLUG-IN Protocol		Yes (Only on TX PLUG-IN CA versions)
RJ45	I2C		Yes
	LAN		Yes (Only on WEB versions)
	10/100 base-T Ethernet LAN HTTP and AJAX SMTP		Yes Status and configuration can be accessible from any internet browser on a PC or smartphone Alarm notification events sends via emails (up to 4 independent address can be defined)
SIM slot & ANTENNA		Yes	(Only on GSM versions)
FUSES			
On mains			1 External fuse F 1 A F - 5X20 mm
On services			X
On PA Supply			X
On driver supply			X

TLK301

Parameters		Value	Notes
GENERALS			
Ambient working temperature	°C	-10 to + 5	Whithout condensing
POWER REQUIREMENTS			
AC Power input	AC Supply Voltage	VAC	80 ÷ 260 *
	AC Apparent Power Consumption	W	25
	Connector		VDE IEC Standard
DC Power Input	DC Supply Voltage	VDC	12
	DC Current		< 3
FUSES			
On mains			1 External fuse F 1 A F ÷ 5X20 mm
MECHANICAL DIMENSIONS			
Physical dimensions	Front panel width	mm / inch	483
	Front panel height	mm / inch	44
	Overall depth	mm / inch	263
	Chassis depth	mm / inch	239
Weight		kg	About 4,3
INTERFACES			
Signalling LEDs			Yes
Display	40X2 Alphanumerical		No
Push buttons	4 (UP, DOWN, ENTER, ESC)		No
USB	TELECON Protocol		Yes
RS232	TELECON Protocol		Yes
RS485	PLUG-IN Protocol		Yes (Only on TX PLUG-IN CA versions)
I2C			Yes
RJ45	LAN		Yes (Only on WEB versions)
SIM slot & ANTENNA			Yes (Only on GSM versions)
VARIOUS			
Cooling			Convection cooling
Acoustic noise		dBA	0

All pictures are RVR's property and they are only indicative and not binding. The pictures can be modified without notice. These are general specifications. They show typical values and are subject to change without notice.

TLK302T

Parameters		Value	Notes
GENERALS			
Ambient working temperature		-10 °C to + 50 °C / 95%	Relative humidity non condensing
POWER REQUIREMENTS			
AC Power input	AC Supply Voltage	VAC	100 - 240
	AC Apparent Power Consumption	W	15
	Connector		VDE IEC Standard
MECHANICAL DIMENSIONS			
Physical dimensions	L x H x W	mm / inch	483
		mm / inch	88 / 3 1/2
Weight		kg	About 1
Cooling			Convection cooling
Acoustic noise		dBA	0
INTERFACES			
Signalling LEDS			Yes
RS232			Yes
RS485	PLUG-IN protocol		Yes (only exciter PTX)
I ² C	For sampling the RVR station single and dual exciter		Yes (only TX PLUG IN-CA version)
RJ45	10/100 base-T Ethernet LAN		Yes
	HTTP		Status and configuration can be accessible from any internet browser on a PC or smartphone.
	SNMPV 2.0		Status and configuration can be accessible from MIB browser and TRAP alarm receiver.
	SMTp		Alarm notification events sends via emails (up to 2 independent address can be defined).
	SMTp		Built-in dock synchronization over networks.
FUSES			
On mains			1 External fuse F 3,15 A T - 5X20 mm
On services			X
On PA Supply			X
On driver supply			X

/TLW-E

Parameters		Value	Notes
GENERALS			
Ambient working temperature		-10 °C to + 50 °C / 95%	Relative humidity non condensing
FEATURES			
I2C Slave for connection to external telemetry			X
Connection with WEB Browser (IE, Firefox, Opera, ..)			X
WEB protection with 2 Password Levels			X
SNMP connection (GET,SET)			X
TRAP notification with Station name			X
TRAP notification with Counter			X

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