



TalentLogix TL4211

SDI 12 new Option

CONNECTIVITY

4G/LTE (Cat4) single / dual
Bluetooth For Local

SERIAL PORT

Equipped with USB & RS485 for serial communication

ANALOG INPUT

16-bit resolution
4 In Iso, 0:10V / 0 : 20MA

DIGITAL I/O

2 In Iso High Speed- 1 Out Relay

COMPACTNESS

Small size, easy installation

CONFIGURATION

TalentLogix Configuration Tool
(USB For Local & GPRS For Remotely)

7-32DC / 100-240AC

Wide range of supported power supply voltages

DATA MEMORY

eMMC 1 GB / 2GB / 4 GB / Download Local / Remote

DURABILITY

Rugged different housing

TALENTVIEW

Compatible with ANY SCADA System

PRODUCT DESCRIPTION

TalentLogix is a mission-critical LTE data logger & Remote Terminal Unit (RTU), equipped with USB, and RS485.

Compact design and easy installation make this RTU perfect for applications, where a sole gadget must be remotely controlled over the RS485 serial interface.

TalentLogix is engineered to be used in industrial applications. Therefore, it has a wide range of software features, such as TalentView SCADA System or any 3rd Part SCADA software.



KEY FEATURES

HARDWARE

Mobile	4G/LTE (Cat4), 3G, 2G
CPU	ARM Cortex
Memory	1GB / 2GB / 4GB
Power	2 pin power socket, 7-32VDC or 110 – 220 VAC 50/60HZ / Internal Battery
SIM	1x Internal SIM holder
Antenna connector	1x SMA for mobile.
Inputs/Outputs	2 pin socket: 2xDigital Pulse input, 1x output Relay, 4 Analog Input (0:20MA – 0:10V), 1x RS485
USB	1x Micro USB slave for configuration / System Updates
Serial	Modbus RS485 / SDI-12 (Part number selection)
Status LEDs	GPRS, Fault, Power, Digital Inputs / Output
Op Temperature	0 °C to 65 °C
Humidity	0 to 90% without condensation
Housing	Electrostatic coated Aluminum
Dimensions	40 x 130 x 120 mm
Weight	230g

SOFTWARE

Operating system Embedded Real Time OS

SCADA Integration

Network protocols Modbus TCP server, TCP client, RTU master, RTU Slave, MQTT, MQTTS, FTP, FTPS, HTTP, HTTPS.

The screenshot displays the TalentLogix V3.0.0 software interface. On the left, a tree view shows the project structure for 'TLog TL4211', including 'Settings', 'Comm. Ports', 'Cloud', 'IO Configuration', and 'Routines'. The 'Cloud' section is expanded, showing 'SMS', 'GPRS', 'TCP', and 'RS485'. Below this is a 'Tags' table:

Name	Address	Type	Value	Descrip
DI0.0	DI0.0	BOOL	0	Digital In
DI0.1	DI0.1	BOOL	0	Digital In
DO0.0	DO0.0	BOOL	0	Digital O
AI0.0	AI0.0	FLOAT	0	Analog Ii
AI0.1	AI0.1	FLOAT	0	Analog Ii
AI0.2	AI0.2	FLOAT	0	Analog Ii
AI0.3	AI0.3	FLOAT	0	Analog Ii

The main window shows the 'Cloud Connectivity' configuration page. It includes an 'Enable' checkbox, a 'Cloud Platform' dropdown set to 'HTTPS Client', and fields for 'Host name', 'Port number' (443), 'Client ID', 'User Name', 'Password', 'SSL Certificate', and 'Certificate Password'. There are also buttons for 'Test Modem Send' and 'Test Status: STATE_IDLE'. Below this, the 'About' page is visible, showing hardware and software information:

Category	Value
Part Number	TL42111G
Firmware Revision	144
Hardware Serial Number	50124
Hardware Version	2
GSM Module Status	
RS485 Status	IDLE
Hardware Faults	NONE
Software Faults	NONE
Log Memory Used (bytes)	0
Log Memory Free (bytes)	134,217,728
Application Exists	No
Config Accessible	No
CPU Time	Friday, December 12, 2025 at 02:21:09 PM
App Last Update	Friday, December 12, 2025 at 12:24:03 AM
App Run Time	Friday, December 12, 2025 at 01:39:13 PM