



TalentLog 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

TalentLog 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.

TalentLog 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. The main window is titled 'TalentLogix - V3.0.0' and shows a 'Cloud x' configuration page. The 'Cloud Connectivity' section is active, with the 'Enable' checkbox checked. The 'Cloud Platform' is set to 'HTTPS Client', and the 'Port number' is 443. The 'Test Modem Send' button is visible, and the 'Test Status' is 'STATE_IDLE'. Below this, there are fields for 'Host name', 'Client ID', 'User Name', 'Password', 'SSL Certificate', and 'Certificate Password'. The 'SSL Certificate Content' is shown as '10'. To the left, a 'Tags' table lists various digital and analog inputs and outputs. Below the configuration page, an 'About' dialog box is open, showing hardware and software information. The 'About' dialog has tabs for 'Welcome Page', 'GPRS x', 'Cloud x', and 'CPU Info x'. The 'CPU Info x' tab is selected, showing hardware information (Part Number: TL42111G, Firmware Revision: 144, Hardware Serial Number: 50124, Hardware Version: 2), GSM Module Status (IDLE), RS485 Status (NONE), Hardware Faults (NONE), Software Faults (NONE), Memory Information (Log Memory Used (bytes): 0, Log Memory Free (bytes): 134,217,728), Application Exists (No), and Config Accessible (No). Time information is also displayed at the bottom of the 'About' dialog.

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

Part Number:	TL42111G
Firmware Revision:	144
Hardware Serial Number:	50124
Hardware Version:	2
GSM Module Status:	IDLE
RS485 Status:	NONE
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