

Features



- Arm® Cortex®-M4 32b MCU+FPU
- 1 x RS-232
- 1 x RS-485 (2 wire with auto flow control)
- 2 x Analog Input
- RTC
- 4 x on board relay
- 4 x Digital Input
- Inbuilt GSM/GPRS module.



Introduction

The Development board for STM32F411 line helps you to discover the microcontrollers of the STM32 F4 series and to develop your applications easily. It offers everything required for beginners and experienced users to get started quickly. Based on the STM32F411RCT6, it includes an ST- LINK/V2 embedded debug tool, GSM/GPRS chip, a digital input, a digital out and an analog input with voltage / current selection, reset button and RS-485 connector.

Specification	
CPU	Cortex – M4 32b MCU+FP
System Memory	512KB Flash, 128KB RAM
COM	1 x RS-232 1 x RS-485
Digital In	4 x DI (0-5VDC)
Digital Out	4 x DO (Relay out 240VAC-7A/12VDC)
Analog In	2 x AI (0-5VDC,0-20mA)
RTC	Yes
Power Input	12 VDC
Operating Temperature	-20 C ~ +60 C
Relative Humidity	10% ~ 90%
Dimension	100 x 100 mm

Application

- AMR (Automatic meter reading)
- Machine Vision
- Industrial Automation
- Home Automation
- Agriculture
- Medical
- IoT Applications

Ordering Information

- IoT Gateway without relays (dr1403-gw-nr)
- IoT Gateway with relays (dr1403-gw)

Additional Accessories

- Power adapter (p-dr1403-12)
- Antenna (an-dr1403-sm or an-dr1403-11r)

