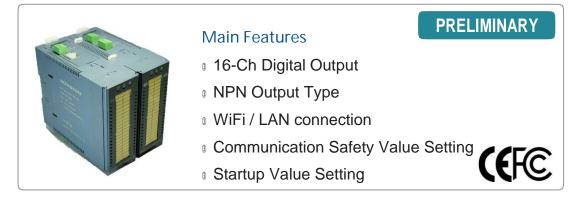


## **WiFio-401**

## 16 Channels Digital Output Module

(NPN Output Type)



## Introduction

The WiFio-401 is a 16 Channels Digital Output Module with NPN Output Type of WiFio Series. The WiFio Series is an Ethernet-based wireless IIoT device, which has integrated the IoT data acquisition, processing, and publishing functions altogether. The WiFio Series also provide WiFi and LAN connection for users when establishing networks.

WiFio Series Modules include Analog, Digital, and Relay modules which also with 6~32 channels.

Model Name	WiFio-401
General	
Power Input	10~60VDC
Power Consumption	200mA@24V
Temperature-Operating	-25 ~ 70 °C
Temperature-Storage	-30 ~ 75 °C
Humidity	5 ~ 95 %
Dimensions	120.1 mm*94.4 mm*121.1mm
Weight	360g (Average)
LED Indicators	System,Config,WLAN
WiFio-Master	
LAN Connection	1 x RJ45
Transmission Speed	10/100 Base-TX Ethernet



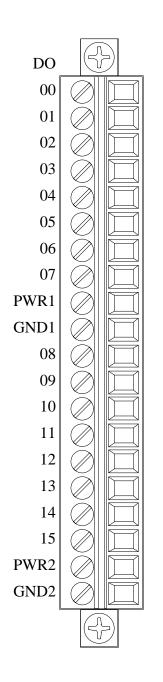


WiFi Connection	IEEE 802.11/b/g/n Internal built-in ceramic
	antenna and optional external antenna via I-PEX
	connector
WiFi Mode	STAP/AP
	Configurable TX Power
	Support External Antenna
Modbus Connector	2 serial port both support baud rate up 115200bps
	1 DIN-rail port to connect Wolf Series seamlessly
Modbus Interface	1 isolated DB9 type port to support
	RS232/422/485 by user configurable.
Modbus RTU Modes	Master/Slave Mode manage up to 8 devices
Modbus TCP Modes	Master/Slave Mode
Modbus Function Codes	Full support Modbus/TCP/RTU protocol and
	depends on equipped devices
Modbus Baud Rate	1.2K~115.2K Baud Rate
http Server	Support http and https
SSH	Secure Session
DHCPC	DHCP Client to Obtain IP Address
Supported Browsers	Internet Explorer 8/9/10 and, Mozilla Firefox 24,
	Safari 5.1.7, Chrome 31, Oper 16.0, with at least 3
	simultaneous connections.
Mounting	DIN EN 60715
Safety	FCC/CE/RoHS
WiFio-Slave	
Watchdog Timer	System (1.6 second Fixed)
	Communication (Programmable)
Interface	RS-485
<b>Communication Protocol</b>	Modbus/RTU
Communication Speed	Serial: From 1200 to 115.2k bps
Communication Distance	Serial: 1.2km
Isolation Protection	2500 or 3000 VDC
I/O Specifications	
Channels	16
Power Consumption	0.5W @ 24V
Output Type	NPN
Output Voltage Range	3.5~30V
Normal Output Current	500mA
•	



Startup Value Setting	Yes
Communication Safety	Yes
Value Setting	

## [WiFio-401] Terminal Assignment



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