

BIVACOM TR231 ENDÜSTRİYEL GSM MODEMİN SERİ PORTUNDAN MODBUS TCP İLE VERİ OKUMA (MODBUS GATEWAY FONKSİYONU)

- 1- MODEMİN WEB ARAYÜZÜNE, ETHERNET PORTUNDAN (LAN) LOKAL IP ADRESİNİ YAZARAK LOGIN OLUNUZ.

Authorization Required

Please enter your username and password.

Username

Password

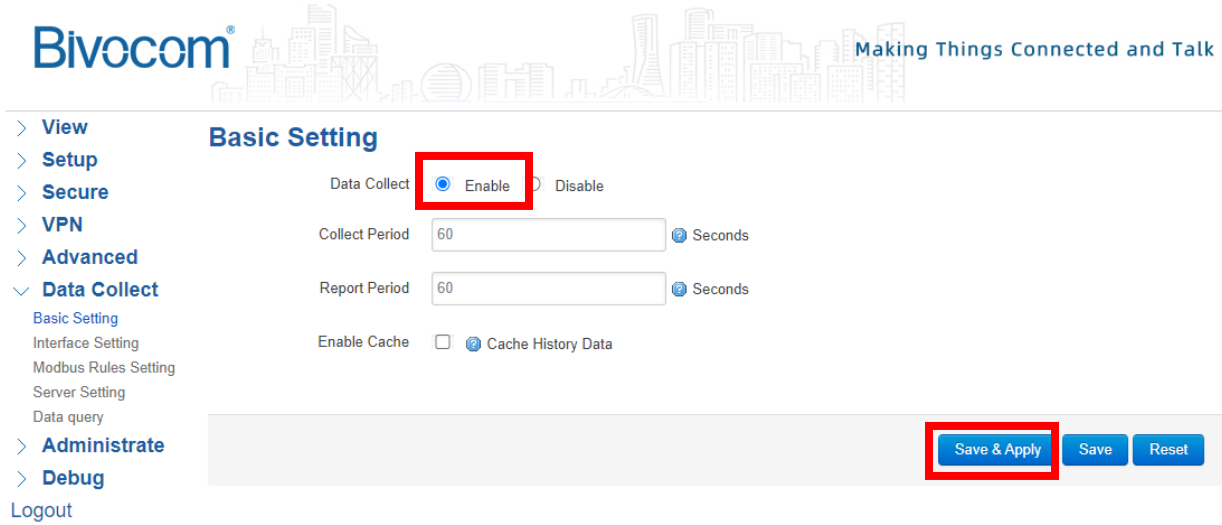
Kullanıcı adı (Default ise)= Admin

Şifre (Default ise)= admin

- 2- SOL TARAFTAKİ MENÜDEN

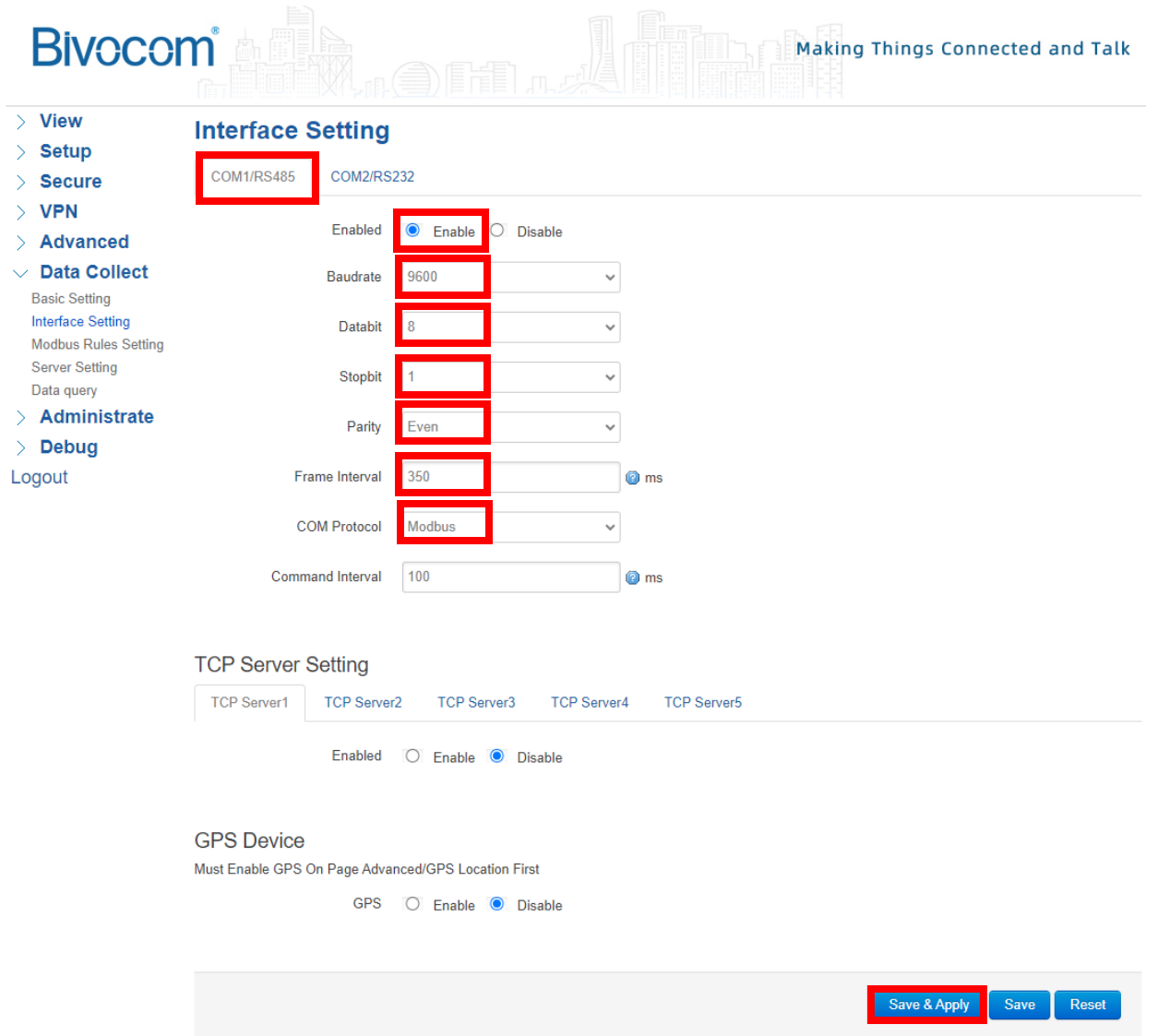
“DATA COLLECT > Basic Setting > Data Collect”, “Enable” Seçiniz.

“Save & Apply” Basınız.



The screenshot shows the Bivocom web interface. The top header features the Bivocom logo and the tagline "Making Things Connected and Talk". The left sidebar contains a menu with options: View, Setup, Secure, VPN, Advanced, Data Collect (selected), Administrate, and Debug. Under "Data Collect", the "Basic Setting" option is selected. The main content area displays the "Basic Setting" page for "Data Collect". It includes a "Data Collect" toggle switch set to "Enable", a "Collect Period" input field set to "60" seconds, a "Report Period" input field set to "60" seconds, and an "Enable Cache" checkbox which is unchecked. At the bottom right of the page, there are three buttons: "Save & Apply" (highlighted with a red box), "Save", and "Reset".

- 3- “DATA COLLECT > Interface Setting” den;
“COM1/RS485” veya “COM2/RS232” (Hangisi üzerinden haberleşilecek ise) seçip;
“Enable” Seçiniz. Buradan bağlanacağınız cihazın seri port ayarları ile aşağıdaki ayarları aynı seçiniz.
“Baud Rate”, “Databit”, “Stopbit”, “Parity”
Com Protokol (Modbus)
“**Save & Apply**” Basınız.



Bivocom® Making Things Connected and Talk

Interface Setting

COM1/RS485 COM2/RS232

Enabled ☒ Enable ☐ Disable

Baudrate 9600

Databit 8

Stopbit 1

Parity Even

Frame Interval 350 ms

COM Protocol Modbus

Command Interval 100 ms

TCP Server Setting

TCP Server1 TCP Server2 TCP Server3 TCP Server4 TCP Server5

Enabled ☐ Enable ☒ Disable

GPS Device

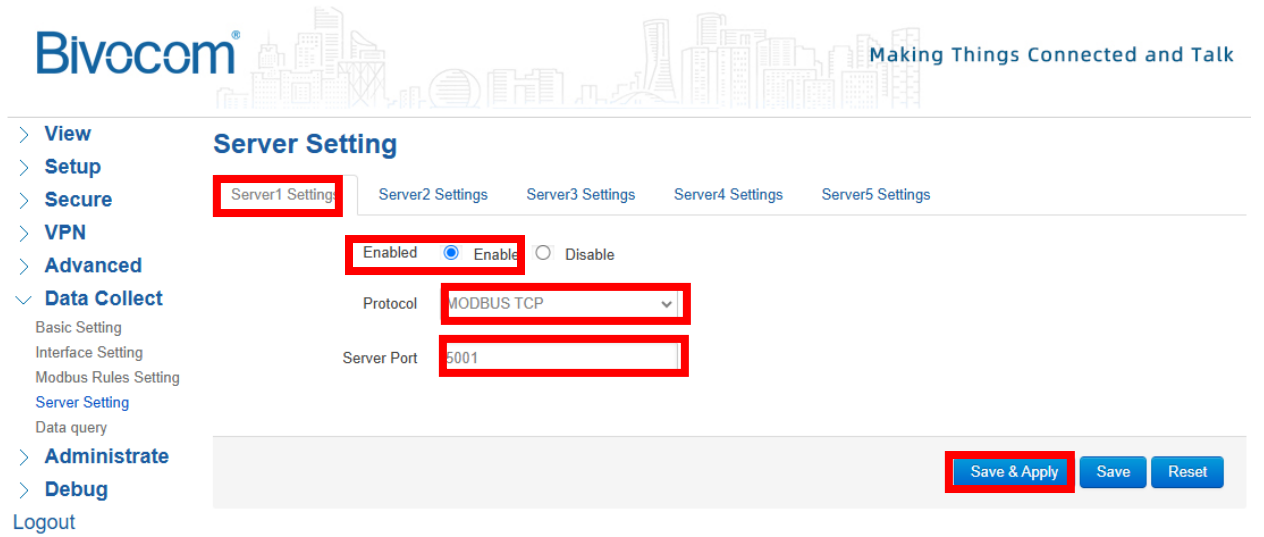
Must Enable GPS On Page Advanced/GPS Location First

GPS ☐ Enable ☒ Disable

Save & Apply Save Reset

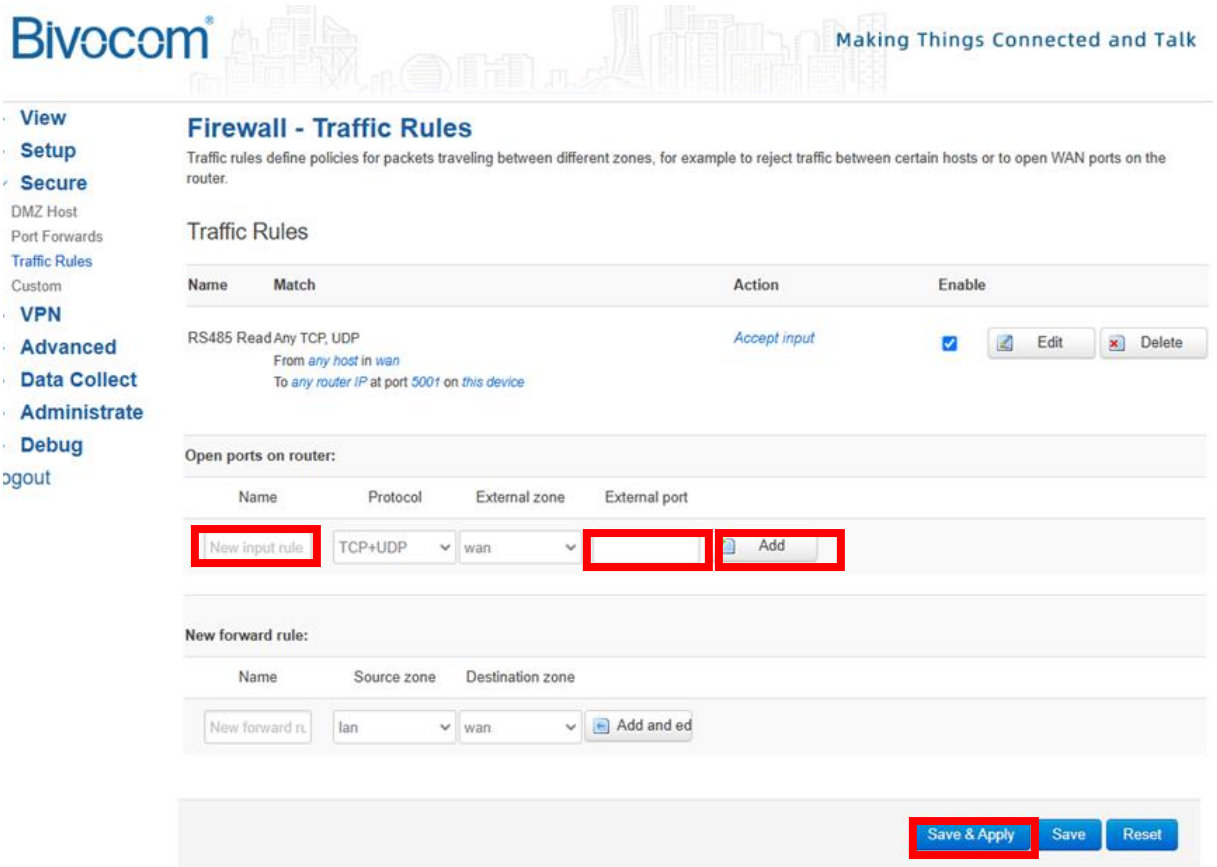
- 4- “DATA COLLECT > Server Setting” den;
“Server1 Settings”, “Enable” Seçiniz.
Açılan Ekrandan “Protokol”, “Modbus” seçiniz.
“Server Port” için dilediğiniz portu giriniz.

“**Save & Apply**” Basınız.



The screenshot shows the Bivocom web interface for Server Setting. The left sidebar contains a navigation menu with the following items: View, Setup, Secure, VPN, Advanced, Data Collect (expanded), Administrate, and Debug. Under Data Collect, the following sub-items are listed: Basic Setting, Interface Setting, Modbus Rules Setting, Server Setting (highlighted), and Data query. The main content area is titled "Server Setting" and contains a tabbed interface with tabs for Server1 Settings (highlighted), Server2 Settings, Server3 Settings, Server4 Settings, and Server5 Settings. The Server1 Settings tab is active and shows the following configuration options: Enabled (radio button selected), Enable (radio button selected), Disable (radio button unselected), Protocol (dropdown menu showing MODBUS TCP), and Server Port (text input field showing 5001). At the bottom right of the main content area, there are three buttons: Save & Apply (highlighted), Save, and Reset.

- 5- “SECURE > Traffic Rules” de
Open ports on router” başlığı altındaki “Name” kısmına RS485 yazınız.
“External Port” kısmına 4 nolu başlıktaki server port numarası için yazdığınız port numarasını yazıp (yukarıda 5001) “Add” butonuna basınız
“**Save & Apply**” Basınız.



Bivocom® Making Things Connected and Talk

Firewall - Traffic Rules
Traffic rules define policies for packets traveling between different zones, for example to reject traffic between certain hosts or to open WAN ports on the router.

Traffic Rules

Name	Match	Action	Enable
RS485 Read	Any TCP, UDP From <i>any host</i> in wan To <i>any router IP</i> at port 5001 on <i>this device</i>	Accept input	☒

Open ports on router:

Name	Protocol	External zone	External port
New input rule	TCP+UDP	wan	

New forward rule:

Name	Source zone	Destination zone
New forward rule	lan	wan

Save & Apply Save Reset