

Setting Up a free Yahoo Email Account for use with a Modulus

First go to mail.yahoo.com and setup a new free account.

1. Press the [Sign up] button
2. Enter your name, new account name (something like test.icl@yahoo.com)
3. Enter a password, mobile phone number & date of birth and press [Continue]
4. Verify the account with your phone number, and you should be taken to the yahoo!mail page.
5. Delete any Welcome email.

Get an “App Password”

To access your Yahoo Mail account from a modulus, you'll need to generate and use an app password. An app password is a long, randomly generated code that gives a non-Yahoo app permission to access your Yahoo account. You'll only need to provide this code once to sign in to your third-party email app.

1. Go to the yahoo account page “login.yahoo.com/account”
2. Click on **Account Security**.
3. Click **Generate app password** or **Manage app passwords**.
4. Select “other app” from the drop down menu, enter modulus (or anything you want) and click **Generate**.
5. Follow the instructions below the password.
6. Click **Done**.
7. Use this app password and your email address to sign in to your email app.

Modulus Setup

Go to the Communications | Email page. Fill out all of the fields using your username and the App password received above. If you don't need incoming requests, or Alarm ACK's then the POP3 server can be left not setup. Make sure your gateway & DNS server are also setup.

| | | | | | | | | | | | | |
|--------------|---------------|------------|-----------|-----------------------|-------------------------|-------|-------------|-------------------|---------|--------------|--------|-------------|
| Main | Local I/O | Module I/O | Registers | Communications | Alarming / Notification | HMI's | Programming | Special Functions | System | | | |
| Slave Status | Master Status | Ethernet | Bus | Ext. Cell | Email | FTP | MQTT | Satellite Server | Routing | Destinations | Events | Dynamic DNS |

| SMTP | |
|--|-------------------------------------|
| Server Address | smtp.mail.yahoo.com |
| Use Authentication | <input checked="" type="checkbox"/> |
| Account | <AccountName>@yahoo.com |
| User Name | <AccountName>@yahoo.com |
| Password | <App Password> |
| STARTTLS on Port 587 (Microsoft Servers) | <input type="checkbox"/> |

| POP3 | |
|----------------------------|--|
| Server Address | pop.mail.yahoo.com |
| User Name | <AccountName>@yahoo.com |
| Password | <App Password> |
| POP3 Test | <input type="button" value="POP3 Test"/> |
| Poll Time (M) | 5 |
| POP3 Alarm Poll Time (M) | 1 |
| Accept Only Known Contacts | <input type="checkbox"/> |

| Ethernet | |
|---------------|--------------------------------------|
| Gateway | 192.168.237.254 |
| DNS Server IP | 8.8.8.8 |
| | <input type="button" value="Reset"/> |

Testing

To test that your email is setup properly you can send a test email from the email monitor. Go to the System | Monitor page. In the monitor Selector select "Email". Enter a valid email (not the one we just setup) next to the [SMTP Test Email] button and try sending a test Email. You can also test the POP3 server by pressing the [POP3 Test] button.

If all goes well you should see something like this in the monitor:

```
Monitor Reset
17:18:47 Start-TLS-SMTP
220 smtp.mail.yahoo.com ESMTP ready
EHLO 192.168.237.190
250-smtp404.mail.gq1.yahoo.com Hello 192.168.237.190 [207.231.76.18]
250-PIPELINING
250-ENHANCEDSTATUSCODES
250-8BITMIME
250-SIZE 41697280
250 AUTH PLAIN LOGIN XOAUTH2 OAUTHBEARER
AUTH LOGIN
334 VXNlcm5hbWU6
dGVzdC5pY2xAeWFob28uY29t
334 UGFzc3dvcmQ6
YXdoeWRxbXNtcXI3cWF5cA==
235 2.7.0 Authentication successful
MAIL FROM:<test.icl@yahoo.com>
250 2.1.0 Sender <test.icl@yahoo.com> OK
RCPT TO:<test@iclinks.com>
250 2.1.5 Recipient <test@iclinks.com> OK
DATA
354 Ok Send data ending with <CRLF>.<CRLF>
From:"Modulus Com"<test.icl@yahoo.com>
To:test@iclinks.com
Date:14 Feb 2020 17:18:51 +0000
Subject: Modulus Com - Test
X-mailer: ICL-JK
MIME-Version: 1.0
Content-Type: text/plain;charset=us-ascii
Content-Transfer-Encoding: 7bit
Model: 8x-5000
SN: 109360
Firmware: 1.03.08 B2496
IP : 192.168.237.190
250 OK , completed
QUIT
221 Service Closing transmission
17:18:52 End-TLS-SMTP

17:18:58 Start-TLS-POP3
+OK Hello from jpop-0.1
USER test.icl@yahoo.com
+OK Password required.
PASS awhydqmsmqywqayp
+OK Maildrop ready, (JPOP server ready).
STAT
+OK 0 0
QUIT
```

+OK Server signing off
17:19:01 End-TLS-POP3