## Network Configuration

<table>
<thead>
<tr>
<th>Setting</th>
<th>Value 1</th>
<th>Value 2</th>
<th>Value 3</th>
<th>Value 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>DHCP Status</td>
<td>Enable</td>
<td>Disable</td>
<td>Enable</td>
<td>Disable</td>
</tr>
<tr>
<td>IP Address</td>
<td>192.168</td>
<td>.1.1.1</td>
<td>255.255</td>
<td>.0.0.0</td>
</tr>
<tr>
<td>Subnet Mask</td>
<td>255.255</td>
<td>.255.255</td>
<td>.0.0.0</td>
<td></td>
</tr>
<tr>
<td>Default Gateway</td>
<td>192.168</td>
<td>.1.1.1</td>
<td>255.255</td>
<td>.0.0.0</td>
</tr>
<tr>
<td>Primary Nameserver</td>
<td>8.8.8.8</td>
<td>8.8.8.8</td>
<td>8.8.8.8</td>
<td></td>
</tr>
<tr>
<td>HTTP Port</td>
<td>3001</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Submit**
<table>
<thead>
<tr>
<th>Server</th>
<th>FTP Server Address</th>
<th>User Name</th>
<th>Password</th>
<th>File Upload Path</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1</td>
<td>192.168.1.115</td>
<td>admin</td>
<td>********</td>
<td>/CRD</td>
</tr>
<tr>
<td>#2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

FTP Server address is the datalogger's IP address.

Submit
NOTE: ANY SETTINGS NOT SHOWN IN APPENDIX B WERE LEFT IN DEFAULT VALUES

Virginia Ave Bridge
CC5MPX Camera

SMTP Server Setting

Server #1
- My Server Requires Authentication
- Account Name: lloyd1@purdue.edu
- Password: **************
- Sender: lloyd1@purdue.edu
- SMTP Server: smtp.purdue.edu:587
- Email Address: lloyd1@purdue.edu

Server #2
- My Server Requires Authentication
- Account Name: bigboy.calendar@gmail.com
- Password: **************
- Sender: bigboy.calendar@gmail.com
- SMTP Server: smtp.gmail.com:587
- Email Address: lloyd1@purdue.edu

Submit
Users/Security

- Date and Time
  - Automatic Date and Time Update
  - Site Name
- Users/Security
  - Digital I/O
  - Update
  - Events
  - Save/Read
  - Camera Settings

Authentication:  ○ Enable  ○ Disable

User List:
admin:Admin

Add/Modify User

User Name:   
Password:   
Confirm:   
Authority:  ○ Admin  ○ Operator  ○ Viewer

Submit
Virginia Ave Bridge
CC5MPX Camera

Digital I/O Setting

Date and Time
Automatic Date and Time Update
Site Name
Users/Security

Digital I/O
Update
Events
Save/Read
Camera Settings

External Trigger Input
Select Active High or Low
Light Power Control
Communication Power Control
Communication Warm up Time
Heater Power control
Heat when temperature is below
On Duration

Table:

<table>
<thead>
<tr>
<th>Setting</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date and Time Update</td>
<td></td>
</tr>
<tr>
<td>Automatic Date Update</td>
<td></td>
</tr>
<tr>
<td>Site Name</td>
<td></td>
</tr>
<tr>
<td>Users/Security</td>
<td></td>
</tr>
<tr>
<td>Digital I/O Update</td>
<td></td>
</tr>
<tr>
<td>Events</td>
<td></td>
</tr>
<tr>
<td>Save/Read</td>
<td></td>
</tr>
<tr>
<td>Camera Settings</td>
<td></td>
</tr>
<tr>
<td>External Trigger Input</td>
<td></td>
</tr>
<tr>
<td>Select Active High or Low</td>
<td></td>
</tr>
<tr>
<td>Light Power Control</td>
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<tr>
<td>Communication Power Control</td>
<td></td>
</tr>
<tr>
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<td></td>
</tr>
<tr>
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<td></td>
</tr>
<tr>
<td>Heat when temperature is below</td>
<td></td>
</tr>
<tr>
<td>On Duration</td>
<td></td>
</tr>
</tbody>
</table>

Submit
Video Settings #1

- **Banner Position**
  - Inside Bottom

- **Name on Image Banner**
  - Yes

- **Include Timestamp in Banner**
  - YYYY/MM/DD/HH:MM:SS

- **Default File Name**
  - VirginiaAve

- **Count Type**
  - Date and Time

- **Resolution/Compression**
  - MPEG4 720P

- **Frame Rate**
  - 30
Power Modes

- Fully On State
  - This power mode has the highest power consumption.
  - The estimated power draw is 250mA continuous.
  - The camera can:
    - Respond to communications in this mode.
    - Operate with motion detection.
    - Take pictures quickly once triggered.

- Partially On State
  - The estimated quiescent power draw is 80mA @ 12VDC.
  - The camera can:
    - Respond to communications in this mode
    - Take pictures approximately 10 seconds after being triggered.

- Deep Sleep State
  - The estimated quiescent power draw is 5mA @ 12VDC.
  - It will take approximately 10 seconds for the camera to acquire an Image or video.

- OFF State
  - This power mode has the lowest quiescent power consumption.
  - The estimated quiescent power draw is 1mA @ 12VDC.
  - It will take approximately 90 seconds for the camera to power up and acquire an Image or video.
### External Trigger

**External Trigger**
- Enable / Disable

**Still Image Capture**
- YES / NO
  - Number of Images: [ ] (From 1 - 60)
  - Image Interval: [ ] (Seconds 1 - 60)

**Capture To Memory Card**
- CARD

**Memory Card Management**
- Maximum Memory Size: [ ] (From 0 ~ 65535) MegaBytes
- Management Type Options: Fill and Stop, Ring Memory

**Video Capture**
- YES / NO

**Video Settings**
- Duration In Seconds: [ ] (Seconds 1 - 60)
- Pre-Record In Seconds: [ ] (Seconds 0 - 30)

**Capture To Memory Card**
- CARD

**Video Settings**
- Maximum Memory Size: [ ] (From 0 ~ 65535) MegaBytes
- Management Type Options: Fill and Stop, Ring Memory

**Main Folder Name**
- ExtemTrg[1][M]

**Sub Folder Options**
- Year_Month_Taken

**Send via email**
- Enabled

**Send via FTP**
- Enabled

**Send via PakBus**
- Disabled

**Send via Email**
- EMAIL Settings #1

**Send via FTP**
- FTP Settings #1

**Send via Pakbus**
- Disabled

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**NOTE:** Any settings not shown in Appendix B were left in default values.
### Communication Settings

<table>
<thead>
<tr>
<th>Setting</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>RS-232 BAUD Rate</td>
<td>115200</td>
</tr>
<tr>
<td>RS-485 BAUD Rate</td>
<td>115200</td>
</tr>
<tr>
<td>PakBus Port</td>
<td>183221 (Set by Internal Jumpers)</td>
</tr>
<tr>
<td>PakBus Address</td>
<td>65 (From 1 ~ 4094)</td>
</tr>
<tr>
<td>PakBus Destination Address</td>
<td>1 (From 1 ~ 4094)</td>
</tr>
<tr>
<td>PakBus Communication Delay</td>
<td>0 (From 0 ~ 16)</td>
</tr>
<tr>
<td>PakBus Security Code</td>
<td>0 (From 0 ~ 65535)</td>
</tr>
</tbody>
</table>

[Submit]
Still Settings #1

- **Resolution**: 1280x720
- **Banner Position**: Inside Top
- **Name on Image Banner**: Yes
- **Include Timestamp in Banner**: Yes
- **Include Serial Number and Temperature in Banner**: No
- **Default File Name**: VirginiaAve
- **Count Type**: Number Increment
- **JPG Compression Level**: None/Lossless

Submit