

Ensemble Designs

Setup BrightEye NXT 450/900

Two steps must be performed in order for a SKAARHOJ controller to communicate with a Ensemble Designs BrightEye unit. Log into the web interface of the BrightEye to configure.

Protocol

The protocol must be set to "Generic ASCII" in the "External Control" tab.

The screenshot shows the web interface of the BrightEye NXT 410. The browser address bar indicates the URL is `192.168.10.39/#!/settings/external-control/`. The interface has a sidebar on the left with various settings categories, and the main area displays the 'External Control' settings for the 'NXT 410' device.

External Control Settings:

- TCP/IP Control (port 5200):**
 - Enable: On
 - Protocol: **Generic ASCII** (highlighted with a red box)
 - Profile: Factory Default
- RS-232 Serial Control:**
 - Enable: On
 - Protocol: Generic ASCII
 - Profile: Factory Default
 - Baud Rate: 9600
 - Data Bits: 8 Bits
 - Stop Bits: 1 Bit
 - Parity: None
- GPIO Devices:**
 - GPIO Device 1:
 - Enabled: ☐
 - Name: GPI interface
 - Address:
 - Type: eBOX
 - Status: Not Connected
- SNMP:**
 - SNMP Enabled: ☐
 - Download MIB: [button]
- Device Information:**
 - Device Name: NXT 410
 - Device Location:
 - Device Contact:
- Allowed Devices/Networks:**

Enabled	Access	Address	Community String	Comment
<input type="checkbox"/>	Read Only	default		public
<input type="checkbox"/>	Read Only			
<input type="checkbox"/>	Read Only			
<input type="checkbox"/>	Read Only			
- Trapsinks:**

Enabled	Version	Address	Community String	Port	Comment
<input type="checkbox"/>	SNMPv1			0	
<input type="checkbox"/>	SNMPv1			0	
<input type="checkbox"/>	SNMPv1			0	
<input type="checkbox"/>	SNMPv1			0	

Control Points

The SKAARHOJ controller must be added as a control point with proper IP address. The IP address set must match the IP address of the SKAARHOJ controller connected.

