

TECHNICAL BULLETIN

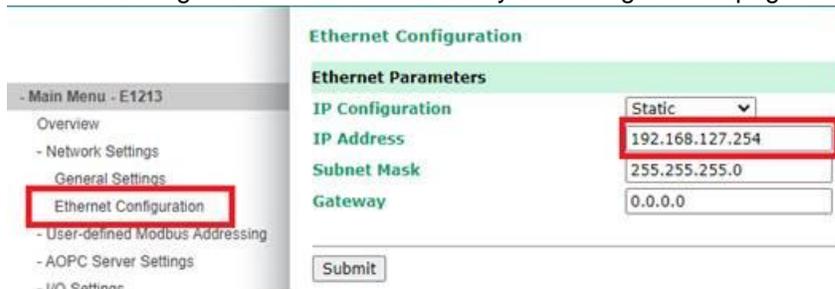
OBSTRUCTION LIGHTING

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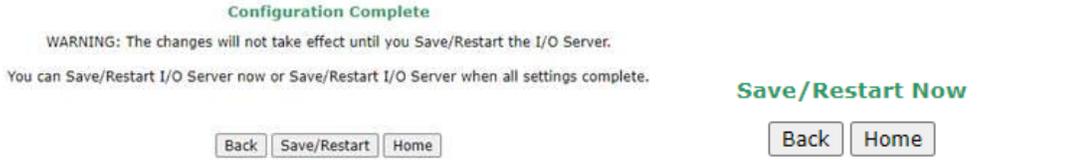
Product: FTC 370 LCM
 Brand(s): Flash Technology
 Effective Date: May 31, 2023
 Part Affected: F1371500 FTC 370 LCM
 F1371510 FTC 370A LCM
 Issued By: Ivor Lewis, Product Manager – Obstruction Lighting

Flash Technology programs the LCM according to customer direction before the product ships. Occasionally there is a need to program the IP address in the field. Instructions to do so are detailed below:

1. Power up the FTC 370 unit and wait for the “Ready LED” on the MOXA 1213 to blink periodically or after power up (~ 30 seconds).
2. Connect the CAT5 cable to MOXA-1213 Ethernet port inside FTC 370.
 - a. If user can configure static IP address settings on the host computer then a straight cable can be used.
3. Set the computer IP address in the same subnet of the FTC 270 configured. For example, to access default IP address (192.168.127.254) on the Moxa unit, configure the computer IP address 192.168.127.100 and mask 255.255.255.0.
4. Access the webpage by using the IP address provided or the factory default IP address 192.168.127.254 on the browser.
5. If unable to access the webpage then a factory default reset is needed.
 - a. Use a paper clip to press and hold the ‘Reset’ button (located on the left side of the MOXA 1213) for 20 sec.
6. Ethernet Configuration can be modified by accessing the webpage as shown below:



7. When prompted follow the instructions to 'Save' and 'Restart'.



Check the IP address. If it has changed, make sure to use the new IP address for access once the Save/Restart operation is completed.

8. **For DETECT Radars:**

a. Update or verify General settings as shown in the screen shot below:



b. When prompted follow the instructions to 'Save' and 'Restart'..



Check the IP address to ensure the new IP address is being used to access once the Save/Restart operation is completed.

c. Navigate to I/O settings page and set the DI and DO settings as follows:

Welcome to ioLogik Series

Ethernet I/O Server	
Model Name	E1213
Serial Number	T8ZLB1101612
Firmware Version	V3.2.2 Build21032212
Ethernet MAC Address	00-90-e8-92-58-60
Ethernet IP Address	192.168.127.254
Peer to Peer	Disable
Active OPC	Disable
SNMP Agent	Enable
DO(D000-D003) Power Source	Field Power
DO(D004-D007) Power Source	Field Power (Fixed)

I/O Status				
DI Channel	Mode	Status	Filter	Counter Trigger
LIGHT ALARM	DI	ON	100.0 ms	--
DI-01	DI	OFF	100.0 ms	--
DI-02	DI	OFF	100.0 ms	--
DI-03	DI	OFF	100.0 ms	--
DI-04	DI	OFF	100.0 ms	--
DI-05	DI	OFF	100.0 ms	--
DI-06	DI	OFF	100.0 ms	--
DI-07	DI	OFF	100.0 ms	--
DO Channel	Mode	Status	ON Width	OFF Width
LIGHT ON/OFF	DO	ON	--	--
DO-01	DO	OFF	--	--
DO-02	DO	OFF	--	--
DO-03	DO	OFF	--	--

9. **For TERMA Radars:**

- a. Update or verify the following settings

General Settings

I/O Server Settings

Server Name

Server Location

Enable Server Socket Idle Connection Timeout Interval sec (1-65535, default = 60, disable = 0)

Enable communication watchdog (10-65535, default = 0, disable = 0, Unit: 50 ms)

Modbus/TCP Ethernet/IP

Auto clear alarm for Safe Mode

Locate I/O Server **Host Connection Lost Alarmed !**

Please contact our Technical Support team if you have any issues.

They are available Monday – Friday, 8 am – 6 pm, US Central Time.

Call 800-821-5825, 3, 1 (Support/Obstruction)