3xLOGIC

VISIX VX-8M-180-IAW
180° View Bullet IP Camera

Quick Start Guide
Ver. 1.0 /2020.07
Before installing and using the camera, please read this manual carefully.
Be sure to keep it handy for future reference.
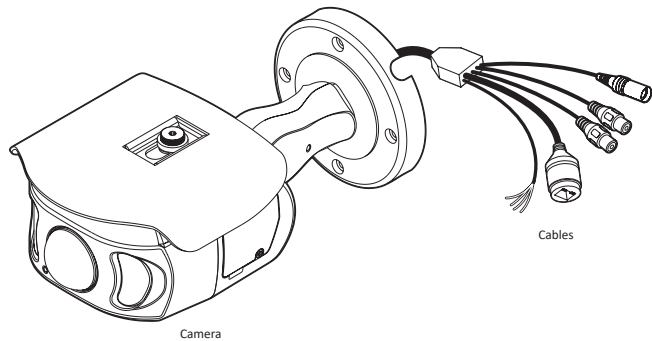
FC C€ ⌦ ⚠ c(UL)us

a. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
 1. This device may not cause harmful interference.
 2. This device must accept any interference received, including interference that may cause undesired operation
 Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are
 designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment
 generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful
 interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will
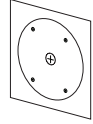 be required to correct the interference at his own expense.

b. This device complies with CAN ICES-3 (A)/NMB-3(A)
c. This device is UL and ULC E467574 (Safety) certified.
d. This device complies with CE 2014/30/EU – EMC Directive, 2015/863/EU RoHS3 as part of 2011/65/EU RoHS
e. This device complies with WEEE

Safety Information

CAUTION
RISK OF ELECTRIC SHOCK.
DO NOT OPEN

CAUTION:
TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK) NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.
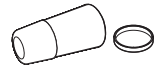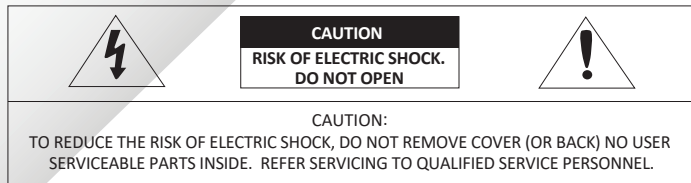
⚡ This symbol indicates that dangerous voltage consisting a risk of electric shock is present within this unit.

⚠ This exclamation point symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING
To prevent damage which may result in fire or electric shock hazard, do not expose this appliance to rain or moisture.

WARNING
1. Be sure to use only the standard adapter that is specified in the specification sheet. Using any other adapter could cause fire, electrical shock, or damage to the product.
2. Incorrectly connecting the power supply or replacing battery may cause explosion, fire, electric shock, or damage to the product.
3. Do not connect multiple cameras to a single adapter. Exceeding the capacity may cause abnormal heat generation or fire.
4. Securely plug the power cord into the power receptacle. Insecure connection may cause fire.
5. When installing the camera, fasten it securely and firmly. A falling camera may cause personal injury.
6. Do not place conductive objects (e.g. screw drivers, coins, metal things, etc.) or containers filled with water on top of the camera. Doing so may cause personal injury due to fire, electric shock, or falling objects.

7. Do not install the unit in humid, dusty, or sooty locations. Doing so may cause fire or electric shock.
8. If any unusual smells or smoke come from the unit, stop using the product. In such case, immediately disconnect the power source and contact the service center. Continued use in such a condition may cause fire or electric shock.
9. If this product fails to operate normally, contact the nearest service center. Never disassemble or modify this product in any way.
10. When cleaning, do not spray water directly onto parts of the product. Doing so may cause fire or electric shock.

CAUTION
1. Do not drop objects on the product or apply strong shock to it. Keep away from a location subject to excessive vibration or magnetic interference.
2. Do not install in a location subject to high temperature low temperature or high humidity. Doing so may cause fire or electric shock.
3. If you want to relocate the already installed product, be sure to turn off the power and then move or reinstall it.
4. Remove the power plug from the outlet when then there is a lightning. Neglecting to do so may cause fire or damage to the product.
5. Keep out of direct sunlight and heat radiation sources. It may cause fire.
6. Install it in a place with good ventilation.
7. Avoid aiming the camera directly towards extremely bright objects such as sun, as this may damage the image sensor.
8. Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.
9. The Mains plug is used as a disconnect device and shall stay readily operable at any time.

Important Safety Instructions

WARNING
1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus.
13. Unplug this apparatus when a cart is used. Use caution when moving the cart/apparatus combination to avoid injury from tip-over.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

Step 1. Product & Accessories

✳ **Please check if all the camera accessories are included in the package.**

Camera

Cables

Torx Wrench (T10, T20)

Screw & Plastic Anchor - 4pcs

Test Video Cable
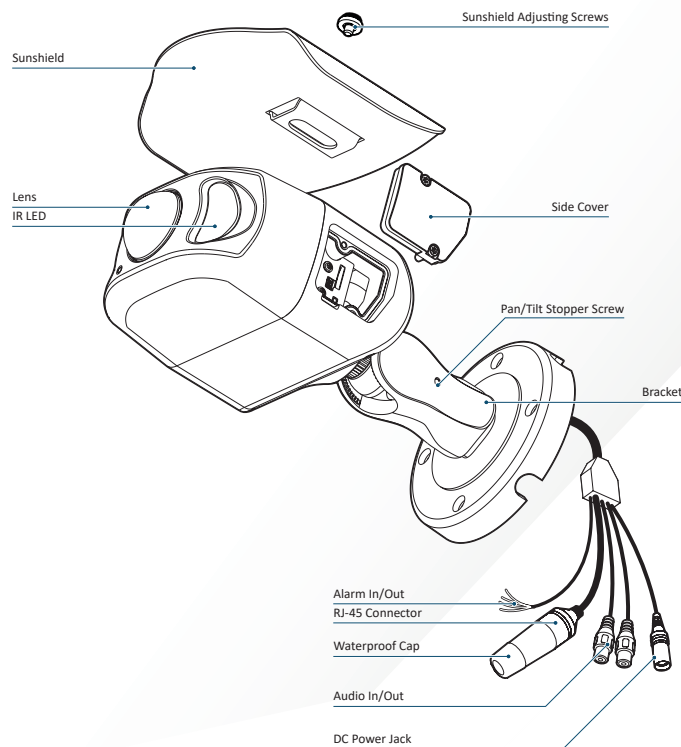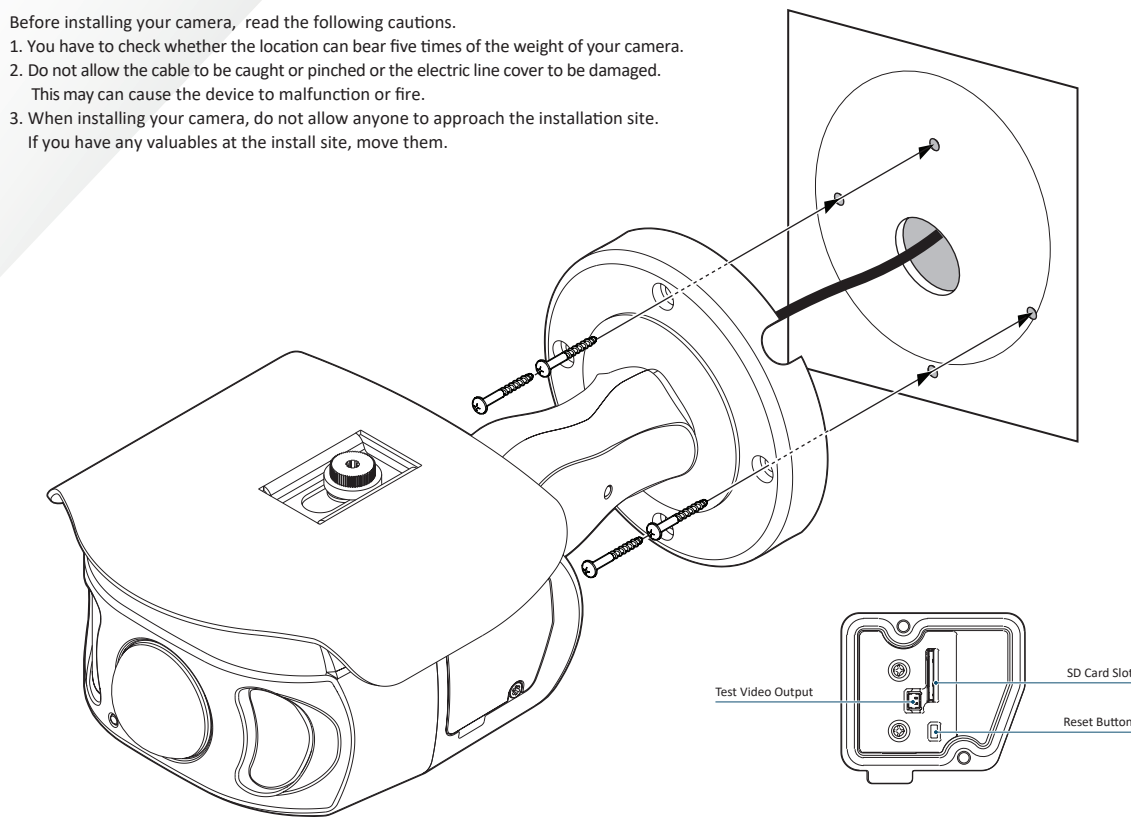
Template Sheet

Waterproof cap & Gasket

Moisture Absorber

Step 2. Part Name

Sunshield Adjusting Screws

Sunshield

Lens
IR LED

Side Cover

Pan/Tilt Stopper Screw

Bracket

Alarm In/Out
RJ-45 Connector
Waterproof Cap
Audio In/Out
DC Power Jack

Step 3. Installation

Before installing your camera, read the following cautions.
1. You have to check whether the location can bear five times of the weight of your camera.
2. Do not allow the cable to be caught or pinched or the electric line cover to be damaged. This may can cause the device to malfunction or fire.
3. When installing your camera, do not allow anyone to approach the installation site. If you have any valuables at the install site, move them.

❶ Using the Template sheet, make the cabling hole on wall/ceiling.

❷ Connect the power, audio, alarm and network cables respectively. See the section 'Cabling' for details.

❸ Fix the camera on the wall/ceiling by screw provided.
 ✳ Loosen the Pan/Tilt stoper screw a litte before fixing the camera.

❹ By using the test video cable, check the screen during installation.

Test Video Output

SD Card Slot

Reset Button

✳ **Reset to the Factory Default**
Press the reset button for 5 seconds to return the setup to the factory default.

✳ **Warning :**
If you press the 'Reset' button, you will lose all setting data. If needed, please, make a note for further installation.
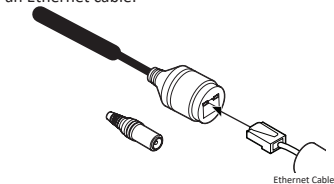
Two Options
Use a PoE-enabled swtich to connect data and power through a single cable and begin viewing and recording images instantly. A non-PoE switch will require an adaptor for power transmission.

1. Using a PoE-Enabled Switch
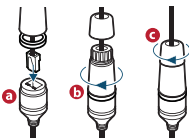The Camera is PoE-compliant, allowing transmission of power and data via a single Ethernet cable.
PoE eliminates the need for the different cables used to power, record, or control the camera.
Follow the illustration below to connect the camera to a PoE-enabled switch using an Ethernet cable.

2. Using a Non-PoE Switch
If a PoE-enabled switch is not used, use a power adaptor for power transmission and non-PoE switch for data transmission. Follow the illustrations below to connect the camera without a PoE-enabled Switch.

Ethernet Cable
Ethernet Cable
Power

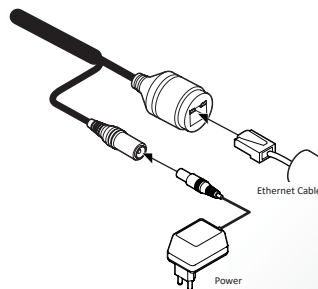**How to connect to the network through the water proof cable**
Put the Lan cable into (a), then (b) can be assembled to (a) tightly. As a final step, (c) needs to be assembled to (b) without leaving any space.
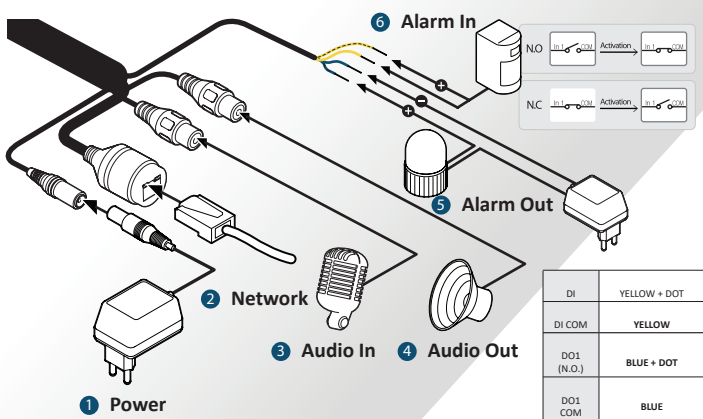
1 Power Connection
Please, check the voltage and current capacity of rated power carefully.

Rate Power	Power Consumption	PoE
DC 12V	8.9W	IEEE 802.3af class3

2 Network Connection

3 Audio In
Connect the 'Audio In' cable of the camera to an appropriate device (i.e mic).

4 Audio Out
Connect the 'Audio Out' cable of the camera to an appropriate device (i.e. speaker).
- Audio Out supports only RTSP Back channel functionality.

5 Alarm Out
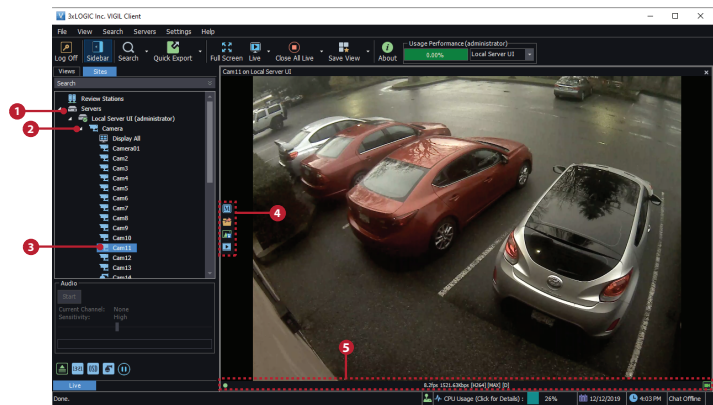Can be connected to alarm lights, siren or lamps. The sensor types are normal open and normal close.
Cable of the alarm output device should connect to DO1(N.O.) and DO1 COM of the cable slot.

6 Alarm In
Cable of the sensor/alarm input device should connect to Yellow and White line of the Alarm cable.

DI	YELLOW + DOT
DI COM	YELLOW
DO1 (N.O.)	BLUE + DOT
DO1 COM	BLUE

Step 5. Inserting / Removing SD Card

1 Inserting an SD Memory Card
Insert the SD card in the direction of the arrow.
- Always be sure to the card is in the correct orientation before inserting it. Otherwise, it may damage the card

2 Removing an SD Memory Card
Gently press down on the exposed end of the memory card as shown in the diagram to eject the memory card from the slot
- Pressing too hard on the SD memory card can cause the card to shoot out uncontrollably from the slot when released.
- If you have saved data in the SD memory card, removing the SD memory card prior to setting record to OFF will cause damage to the data stored in the card.
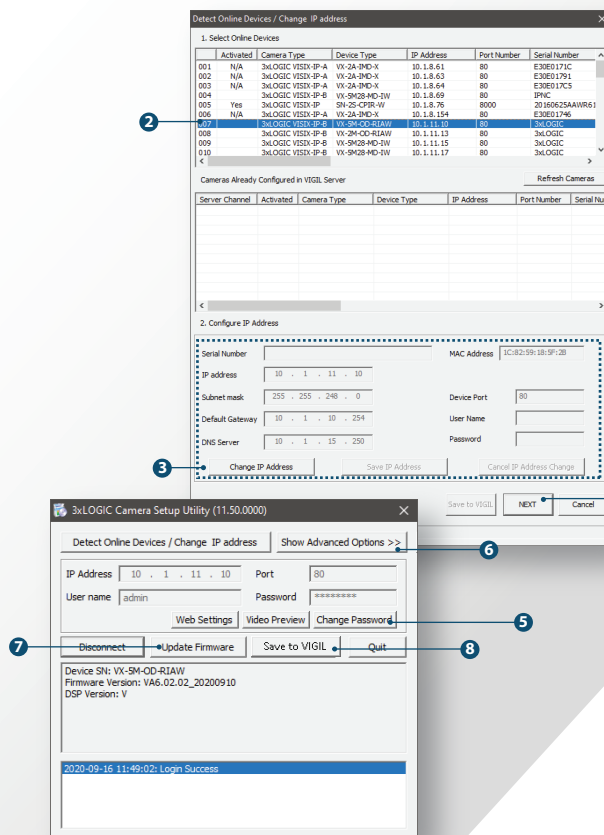
Step 6 cont'd

1 Run the 3xLOGIC Camera Setup Utility
i. Download and install the latest version of the utility (at www.3xlogic.com) on the VIGIL Server system. The VIGIL Server should be on the same LAN network as the camera(s) you are adding.
ii. Navigate to *Start > Programs > VIGIL>Utilities* and launch the VIGIL Firewall Utility. Create a firewall rule for **VISIXIPSetup Utility** if one has not already been created.
iii. Launch VIGIL Server, navigate to *Settings > Cameras.*
iv. Select the desired camera channel from the treeview.
v. Open Network Camera Settings and set the *Type* to **VISIX-IP-B.**
vi. Click the **Detect Camera** button. The utilities' *Detect Online Devices* window will now launch automatically with a list of detected cameras on the network.

2 Select the desired camera from the list of devices.

3 Change IP Info (Optional for non-DHCP environments)
The camera will use DHCP by default and should be assigned an IP by your network automatically. If the network lacks DHCP and requires a static IP for the camera, click **Change IP Address** and edit the camera's IP info. Default username and password of **admin / admin** will be required to change IP info. Enter the credentials and click **Save IP Address** after making changes to save the new IP information.
- Default TCP/IP information (set after 90 seconds if no DHCP is detected).
  - IP: 192.168.1.80
  - Subnet Mask: 255.255.255.0
  - Gateway: 192.168.1.1
  - DNS : 168.126.63.1

4 After making and saving any IP changes, confirm the camera is still selected in the devices list then click **Next**. The main utility window will now launch.

5 Change Password
- Default USER / PW : admin / admin
After the main utility window launches with the camera selected, enter in the default username and password of **admin / admin** then click **Connect**. Once the utility states *Login Success*, click **Change Password**. A pop-up will deploy. Enter and confirm a unique password, then click **OK** to complete the change. A pop-up will confirm success.
- The default user ID and password must be changed for security reasons. Video will not stream from the camera until the default admin password is changed.
- The ID and PW will be set to defaults when a 'factory reset' is performed on the camera.

6 Show Advanced Options (Optional)
Click **Show Advanced Options** to edit video stream (main stream, sub stream) settings for the camera.

7 Update Firmware (Optional).
If you have the latest firmware file downloaded (contact 3xLOGIC support for latest available firmware), click **Update Firmware**, locate the firmware file on your system and click **Open**. The utility will install the firmware on the camera.

8 After applying any new camera settings, click **Save to VIGIL**. This step saves the camera to the VIGIL Server software The camera will occupy the camera channel you selected in Step 1 (iv) of this section.

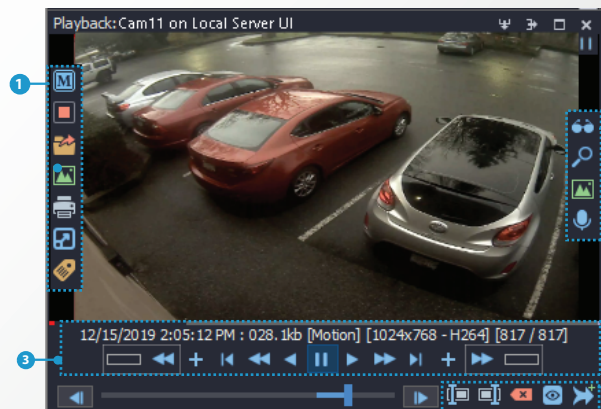**⊗ Rebooting or Resetting the Camera to Factory Settings**
If a factory reset is required, login to the camera's browser interface (enter IP into a browser URL bar and login to the camera) then navigate to *Setup > System > Factory Reset.* To perform a basic camera retart, Navigate to *Setup > System > Restart*

Step 7. Viewing Camera in VIGIL Client

After adding the camera to VIGIL Server, 3xLOGIC recommends VIGIL Client for viewing live and playback. Client's powerful tool set can be leveraged by users to thoroughy and quickly review camera footage and other data collected by a VIGIL Server. After adding a VIGIL Server to VIGIL Client, refer to the steps in this section for details on viewing the camera's footage in VIGIL Server.

Select Instant Replay from the Live Edge Controls to open the last 5 minutes of footage from the camera or perform a playback search to review a custom time range of playback. A Playback viewer featuring the requested footage will deploy.

1 After launching VIGIL Client, extend the **Servers** node located in the Sites tab treeview then double-click the desired VIGIL Server to reveal available devices and tools.

2 Expand the **Camera** node to reveal the VIGIL Server's cameras.

3 Double-click the desired camera. The camera's live stream will be automatically displayed in the viewing area.

4 Live Edge Controls instantly grant the user access to common tools such a Capture Still Image, Instant Replay and Stream Type Selection.

5 Stream information such as FPS rate, bitrate and CODEC type are listed when the cursor hovers over the bottom edge of the frame.

1 Playback Left-Edge controls include Export Video or Stills, Stream Mode Selection and Screen Record, etc...

2 Right-Edge Controls include more tools such as Smart Search, Audio and Zoom Controls and Image Control.

3 Stream information and standard playback controls are accessible at the bottom of the frame.

4 Located next to the scrub bar, footage markers and export tools can be used to quickly narrow down and export portions of interest within larger video clips.

For further details on reviewing and exporting playback and other advanced features such as audio recording and two-way audio talk, POS Data OSD and more, please visit www.3xlogic.com and consult the product documentation library for VIGIL Client-related support documentation.

Disposal of Old Appliance

1. When this crossed-out wheel bin symbol is attached to a product it means the product is covered by the European Directive 2002/96/EC.
2. All electrical and electronic products should be disposed of separately form the municipal waste stream in accordance to laws designated by the government or the local authorities.
3. The correct disposal of your old appliance will help prevent potential negative consequences for the environment and human health.
4. For more detailed information about disposal of your old appliance, please contact your city office, waste disposal service or the shop where you purchased the product.

3xLOGIC

11899 Exit 5 Parkway, Suite 100, Fishers, IN 46037, USA
helpdesk@3xlogic.com | www.3xlogic.com