



Eyedro[®]
GREEN SOLUTIONS INC.

PRODUCT GUIDE:
ELECTRICITY
MONITORING PRODUCTS

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INTRODUCTION

OVERVIEW

Eyedro Green Solutions Inc. is a software and electronics design company making electricity usage easy to understand. We provide simple solutions for monitoring your electricity in real-time.

Combined with the MyEyedro cloud service, Eyedro is an affordable, easy to install and scalable electricity monitor for your home and business. Join thousands of customers already using Eyedro to keep an eye on their electricity use.

Thank you for choosing the Eyedro Electricity Monitoring System. You have taken the first step towards better awareness of where your energy is being consumed. Awareness can lead to energy savings, cost savings and peace of mind.

The Eyedro Electricity Monitoring System will help you keep an eye on your electrical consumption. Its non-invasive design measures electrical current supplied to the building and computes the power consumed. Data is stored on a remote server 24 hours a day - 7 days a week - 365 days a year. There is no need to worry about losing your data or running out of storage space. Your data is available for review from anywhere you have access to the internet - at home, at work or on the go! The easy to use interface allows you to view your current and historical data, daily averages, bill to date and even predict what your total bill will look like. Use the browser on your mobile phone to walk through your house switching appliances on and off – you may be surprised what you learn!

The Eyedro Electricity Monitoring System will help you realize just how much electricity you are wasting every day and how much money you could save by reducing that waste. You will soon realize that simple changes in your habits – like turning off lights, unplugging unused equipment, or dialing back the thermostat – will result in less consumption and more money in your pocket.

If you have any questions about using your Eyedro Electricity Monitoring System please visit eyedro.com for information, documentation, videos and answers to frequently asked questions.

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THE EYEDRO ELECTRICITY MONITORING SYSTEM IS INTENDED TO BE USED TO INCREASE AWARENESS OF ELECTRICITY CONSUMPTION WITHIN THE BUILDING AND AS AN ADDITIONAL RESOURCE TO APPROXIMATE UTILITY COSTS. SYSTEM ACCURACY DEPENDS ON A NUMBER OF FACTORS INCLUDING (BUT NOT LIMITED TO): MEASUREMENT AMPLITUDE, SENSOR CALIBRATION, UP TIME, AND STABILITY OF THE VOLTAGE SUPPLY. IT IS NOT INTENDED TO REPLACE THE ELECTRICITY METER FOR THE BUILDING.

EYEDRO GREEN SOLUTIONS INC. RESERVES THE RIGHT TO MAKE CHANGES TO THE PRODUCTS, SPECIFICATIONS, AND/OR DOCUMENTATION AT ANY TIME WITHOUT NOTICE.

IMAGES AND/OR INSTRUCTIONS DETAILED IN THIS DOCUMENT MAY DIFFER FROM THE ACTUAL PRODUCT HARDWARE AND/OR SOFTWARE.

IMPORTANT SAFETY INFORMATION

It is important that you observe some simple safety precautions when installing this product. The Eyedro Electricity Monitor was designed to be non-intrusive and easy to install. Typically, there is no need to disconnect any electrical cabling during the installation. However, there are a number of safety issues that should be considered when installing and using the system.



Installation may require the cover of the main electrical panel to be removed while some wires are still electrified. Even when the main breaker has been turned 'OFF' certain areas of the panel may still be dangerous and carry the risk of shock, burn, and electrocution. **Installation should be performed by a qualified electrician. Check with your local authority having jurisdiction for permit and inspection requirements. DO NOT attempt installation unless you know where electrified areas within the panel are.**

The **current sensors** clip on to the live service entrance cables which supply electricity to your electrical panel. When installing these sensors:

- ❗ **DO NOT** install the sensor onto a cable whose current exceeds the rated current of the sensor.
- ❗ **DO NOT** install the sensor onto cabling that is loose, wet, or appears damaged (cracked, burned, bare copper or missing insulation). Contact a qualified electrician and/or your electricity supplier to report your findings.
- ❗ **DO NOT** bend or force the service entrance cables during installation.
- ❗ **DO NOT** force the sensor onto the cabling if the cable diameter appears to be too large.

The Eyedro Electricity Monitor (and all components) are designed for indoor use only and should be installed inside a suitable building or panel. When installing:

- ❗ **DO NOT** subject the unit or sensors to excessive temperature, humidity, force, shock, or dust
- ❗ **DO NOT** use or store this product in locations that could adversely affect the product such as rain, snow or desert.
- ❗ **DO NOT** immerse the unit in water or other liquids. If liquid is spilled over it, remove power and clean up the spill immediately with a soft, lint-free, cloth and allow all electronics to fully dry before attempting to use.
- ❗ **DO NOT** use this product where the use of radio frequency products can cause interference in other critical control equipment (i.e. hospitals).

Please contact Eyedro Green Solutions Inc. if any component appears damaged or faulty.

- ❗ **DO NOT** open the case of the unit or tamper with any of the internal components. This invalidates the product warranty.
- ❗ **DO NOT** attempt to repair the product by yourself.
- ❗ **DO NOT** dispose of this product in your household waste. At the end of its serviceable life please ensure product is disposed of according to local electrical and electronics equipment disposal practices.

PRODUCT GUIDE: EYEDRO ELECTRICITY MONITORING PRODUCTS

The following notes apply to Eyedro Wireless products:

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 in a residential installation. This equipment generates, uses and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

To satisfy FCC RF Exposure requirements for mobile and base station transmission devices, a separation distance of 20 cm or more should be maintained between the antenna of this device and persons during operation. To ensure compliance, operation at closer than this distance is not recommended. The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

BOX CONTENTS (BY PRODUCT)

EYEDRO HOME (EH*)

ⓘ IMPORTANT Eyedro Home Wired/Wireless Electricity Monitoring (EH*) products should not be installed in applications where the supply voltage exceeds 300V AC. For applications requiring greater voltage rating (up to 600V), Eyedro Business Wired/Wireless Electricity Monitoring (EB*) products must be used.



A



B



C



D

	Wired	Wireless	Description
A	1	-	Eyedro Combo Module
	-	1	Eyedro Sensor Module
	-	1	Eyedro Gateway Module
B	2	2	200A Current Sensors (max 300VAC)
C	1	2	Low-voltage Power Adapter
D	10ft (3m)	3ft (0.9m)	Ethernet Cable

EYEDRO BUSINESS (EB*)



A



B



C



D

	Wired	Wireless	Description
A	1	-	Eyedro Combo Module
	-	1	Eyedro Sensor Module
	-	1 ¹	Eyedro Gateway Module
B	2	1 - 3 ²	Current Sensors (200A ³ to 5000A max 600VAC)
C	1	2	Low-voltage Power Adapter
D	10ft (3m)	3ft (0.9m) ¹	Ethernet Cable

¹ Not included in Wireless Expansion products (EBWXS*)

² EBEM1 = 3, EBWEM1 = 3, EBWXS3 = 3, EBWXS2 = 2, EBWXS1 = 1

³ 200A standard product. Substitutions available up to 5000A

HARDWARE INSTALLATION



DO NOT CONTINUE WITH THE INSTALLATION OF THE EYEDRO ELECTRICITY MONITORING SYSTEM UNTIL YOU HAVE READ THE SAFETY SECTION OF THIS GUIDE.

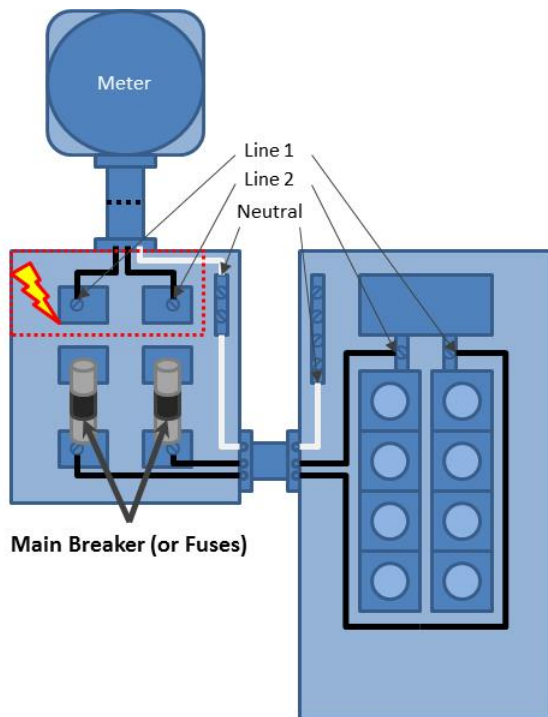
LOCATING THE ELECTRICAL SERVICE

The electricity panel is typically located in the garage or utility room of the building – although this is not always the case. The below diagrams show two typical 120/240V split-phase (single-phase) electrical service configurations:

SERVICE BOX AND DISTRIBUTION PANEL

In some cases the service entrance wires, from the utility company, feed into a box that is isolated from the distribution panel.

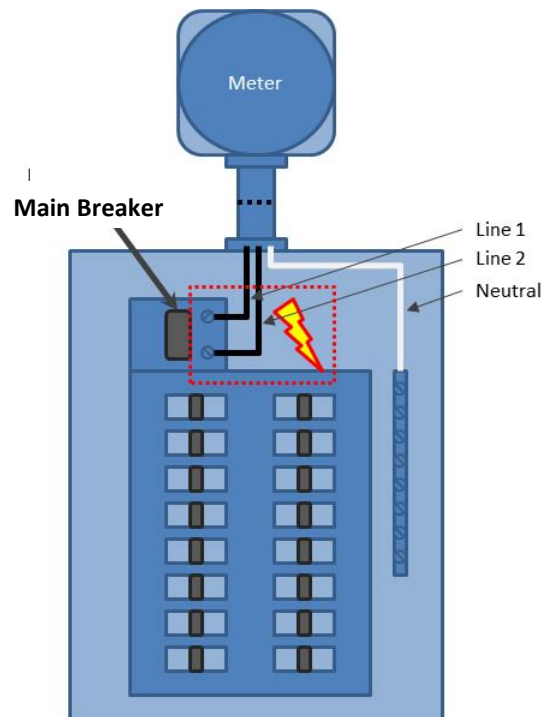
In this particular configuration, current sensors can be installed on the Line wires in either the service entrance panel or distribution panel.



COMBINATION SERVICE/DISTRIBUTION PANEL

In some cases the service entrance wires, from the utility company, and main breaker are integrated into a single main electrical panel.

In this particular configuration, current sensors are installed on the Line wires between the main breaker and the meter.




INSTALL CURRENT SENSORS

MATERIALS YOU WILL NEED

- ✓ Eyedro Current Sensors
- ✓ Approved bushing or connector (not included)
- ✓ Labels (optional – not included)

TOOLS YOU WILL NEED




 Flashlight

 Screwdriver

 Pliers

PROCEDURE (TYPICAL SERVICE ENTRANCE MONITORING)

Current sensors are **installed on** the individual **line/live/hot wires only**. This must be done inside the electrical panel or junction box where the electrical connection is separated into the individual line, neutral and ground wires.

-  **Do not** install sensors on **neutral or ground conductors**.
-  **Do not** install sensors on **extension cords or sheathed/shielded cables**.
-  **Do not** install sensors on **conductors exceeding the max rating of the sensor**.

1. Turn off the power by disengaging the main disconnect switch or turning off the main breaker.



CAUTION: EVEN WITH THE MAIN BREAKER IN THE 'OFF' POSITION, THE SERVICE ENTRANCE WIRES WILL STILL BE ELECTRIFIED (BEFORE THE BREAKER). EXTREME CAUTION SHOULD ALWAYS BE TAKEN WHILE WORKING AROUND ELECTRICITY.

2. Carefully remove panel cover(s) to expose service entrance wires.
3. Carefully remove a 'knockout' on the side of the panel and add an approved bushing or connector to protect the wires that will pass through it.
4. Install one current sensor over **each service entrance line/live wire**.
 - a. Push the release clip in and open the sensor.
 - b. Carefully place the wire in the top of the sensor.
 - c. Carefully close the sensor ensuring sensor faces are aligned flush. A slight 'click' sound is heard when the sensor is securely closed.
5. Optionally, use tape or other label to uniquely identify each sensor at the end of the wire nearest the connector (i.e. "Sensor 1", "Phase A", etc.).
6. Route sensor cables through the bushing/connector so the plug ends are on the exterior of the panel.
7. Once all sensors are installed correctly, replace panel cover(s).
8. Turn on the power.

PROCEDURE (ALTERNATE APPLICATIONS)

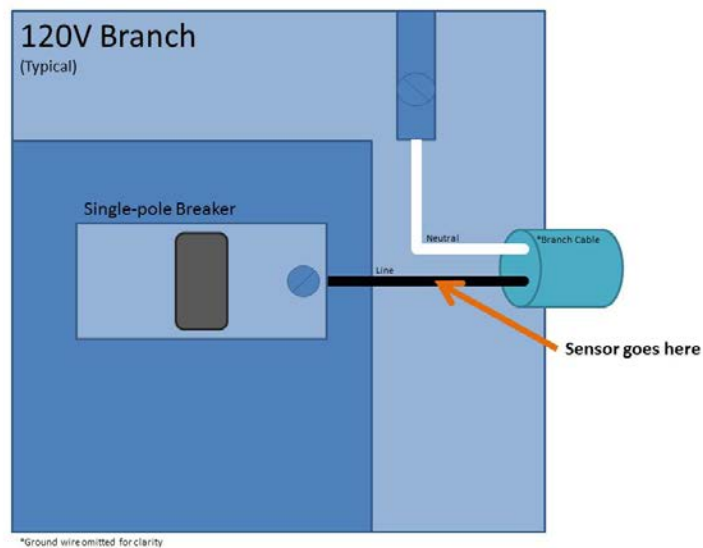
The most common application of Eyedro Electricity Monitoring products is for monitoring of the electrical service entrance of a building. However, there are other common applications where Eyedro Electricity Monitoring products are often used. The following sub-sections provide brief overview of some of the most common applications.

To use Eyedro Electricity Monitoring products in one of these applications, follow ALL instructions and precautions from the Service Entrance installation procedure but substitute step 4 to install the sensors on the **line/live** conductor of your desired circuit.

120V CIRCUIT MONITORING

120V circuits are typically used for lighting and receptacles throughout the building. These circuits can be identified by a single-pole breaker in the electrical panel. Cabling typically consists of black (line) and white (neutral) conductors with a bare copper (or green) ground conductor.

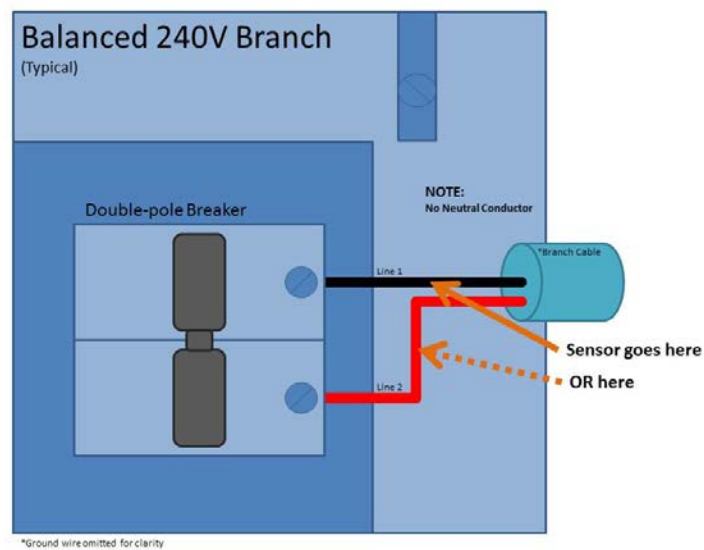
1 sensor is required for monitoring 120V circuits. The sensor should be installed on the line wire of the circuit (typically black) and voltage set to 120V (typical) in the MyEyedro software.



240V BALANCED CIRCUIT MONITORING

240V balanced circuits are typically used for large appliances throughout the building. Common examples of 240V balanced loads are; electric heaters/baseboards, electric water heaters, air conditioners, heat pumps, pool pumps, etc. These circuits can be identified by a double-pole breaker in the electrical panel. Cabling typically consists of black (line 1) and red (line 2) conductors with a bare copper (or green) ground conductor. **Note: these circuits do not have white (neutral) conductors.**

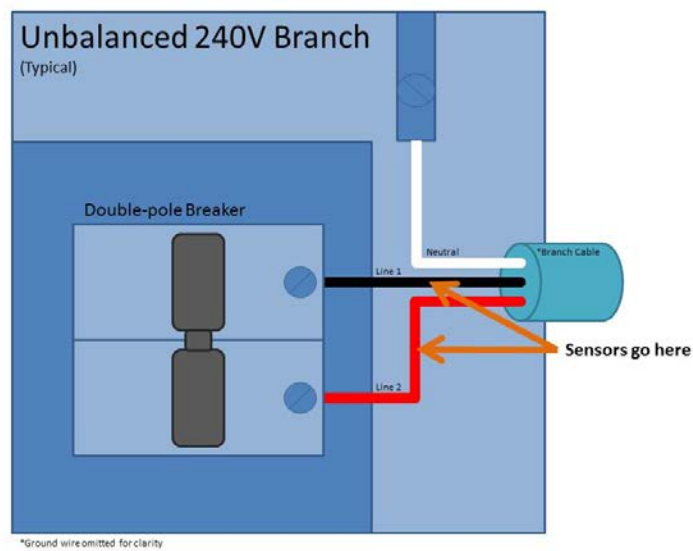
1 sensor is required for monitoring 240V balanced circuits. The sensor should be installed on either line wire of the circuit (typically black or red) and **voltage set to 240V** (typical) in the MyEyedro software.



240V UNBALANCED CIRCUIT MONITORING

240V unbalanced circuits are typically used for large appliances, split-receptacles and sub-panel feeders throughout the building. A typical residential service entrance is also an example of a 240V unbalanced circuit. These are circuits with both 120V and 240V components. Common examples of 240V unbalanced loads are; stoves, electric dryers, kitchen receptacles, sub-panels, etc. These circuits can be identified by a double-pole breaker in the electrical panel. Cabling typically consists of black (line 1), red (line 2), and white (neutral) conductors with a bare copper (or green) ground conductor.

2 sensors are required for monitoring 240V unbalanced circuits. The sensors should be installed on both line wires of the circuit (typically black and red) and voltage for each sensor set to 120V (typical) in the MyEyedro software.



THREE-PHASE SERVICE OR BRANCH MONITORING (DELTA OR WYE)

Three-phase installations are common in commercial and industrial environments. These installations require the use of Eyedro Business (EB*) products.

MEASURE LINE VOLTAGE (OPTIONAL)

MATERIALS YOU WILL NEED

- ✓ None

TOOLS YOU WILL NEED

- ✂ Voltmeter or Multimeter

PROCEDURE (TYPICAL RESIDENTIAL INSTALLATION)



CAUTION: Extreme caution should always be taken while working around electricity. Do not attempt this measurement without the proper tools and safeguards.

1. Locate an electrical receptacle as close to the current sensors as possible.
 - ❗ There is often a receptacle in the same room as the electrical panel.
2. Set the multimeter to AC voltage. The markings may appear as VAC, AC V, or a V beneath a sine wave.
3. Choose the AC voltage range closest to the voltage you will measure. Typical voltage in North American homes and businesses is between 110 to 120 volts.
 - ❗ Some circuits used for large equipment such as dryers, air conditioners, electric stoves and ovens may use voltage in the range of 220 to 240 volts. These instructions do not cover the methods used to measure a 220V outlet or three phase circuits.
4. Place one probe into each of the two slot terminals of the electrical receptacle. The voltage will be displayed on the meter.
 - ❗ Grasp the meter probes by the insulation - NEVER touch the metal probes during testing.
5. The voltage should typically measure in the range of 106 to 126 volts for most circuits. Record this value for later use while configuring your device in the software service.
6. Carefully remove the probes, being careful not to touch the metal part of the probes to anything or each other.

ALIGN WIRELESS MODULES (E*W* PRODUCTS ONLY)

Eyedro Wireless Electricity Monitoring (E*W*) products have all the same features as the non-wireless version but do not require a network connection near the point where the sensors are installed. The modules will communicate with each other over their own **private wireless network** so that the sensors can be installed where you need them and the gateway module can be located near an available RJ45 network connection

E*W* products operate on a custom wireless protocol operating on the 2.4GHz frequency band. Operating range varies for each installation depending on distance between and the number (and material) of obstructions the wireless communication must pass through. Typical distances of 1000ft (300m) can be expected.

To achieve best performance in wireless installations the following guidelines should be followed:

1. Minimize the number of obstructions between modules where possible (interior/exterior walls, floors, windows, trees, etc). Line of sight provides best performance.
2. Minimize the number of 2.4GHz radiators in close proximity to the modules (WiFi routers, WiFi devices, Bluetooth devices, microwaves, ZigBee/IEEE 802.15.4 wireless devices).
3. Modules should be secured in position with screws, velcro tape or by other means. They should not be left hanging off of wires because if they are bumped it can affect the signal quality.
4. Keep the area around the Eyedro module free from metallic objects.
5. Do not lay the Eyedro module on the metal electrical panel - if unavoidable, put an insulating material, like wood or foam, between the Eyedro module and the metal.
6. Do not seal in the panel or other metal enclosure.
7. Try to ensure that the modules are positioned in the best possible orientation as shown in the picture below.



MOUNT EYEDRO DEVICE(S)

MATERIALS YOU WILL NEED

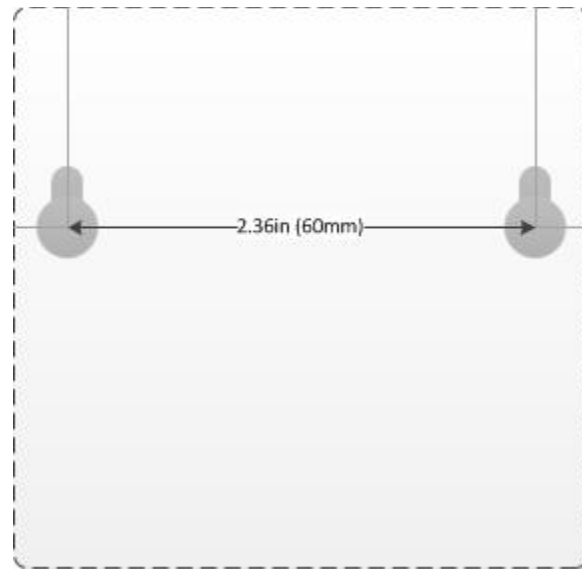
- ✓ Two(2) #6 mounting screws (optional – not included)
- ✓ Double-sided tape (optional – not included)

TOOLS YOU WILL NEED

-  Screwdriver

PROCEDURE (VERTICAL MOUNT)

1. Write down the 8-digit serial number from the back of the module. This will be required during software setup.
 - ❗ The serial number will be in the format "**123 - 45678**"
2. Find a clear area on the wall beside the electrical panel (or router in the case this is the Eyedro Wireless Ethernet Module).
 - ❗ Make sure all cables will easily reach the module before securing.
3. Secure the module using either:
 - a) Screws (recommended method)
 - i. Mark locations on the wall for the screws using the module or template below as a reference.
 - ii. Drive the two(2) #6 screws into wall surface leaving ~0.125in (3mm) exposed.
 - iii. Align keyholes on back of module with mounting screws.
 - iv. **Carefully** push module over screws and slide down to secure in place.
 - v. Ensure secure fit.
 - b) Double-sided tape
 - i. Cut several pieces of double-sided tape and place on back of module.
 - ii. Peel tape backing off.
 - iii. Press module carefully but firmly against surface to be mounted on.
 - iv. Hold in place as per tape instructions.
 - v. Ensure module is held securely in place.



Mounting Wall Template (1:1 Scale)

PROCEDURE (HORIZONTAL MOUNT)

Mounting is not required for horizontal installations (i.e. on a desktop or shelf). If added security is desired, follow instructions for vertical mounting using screws or double-sided tape.

CONNECT CABLING

MATERIALS YOU WILL NEED

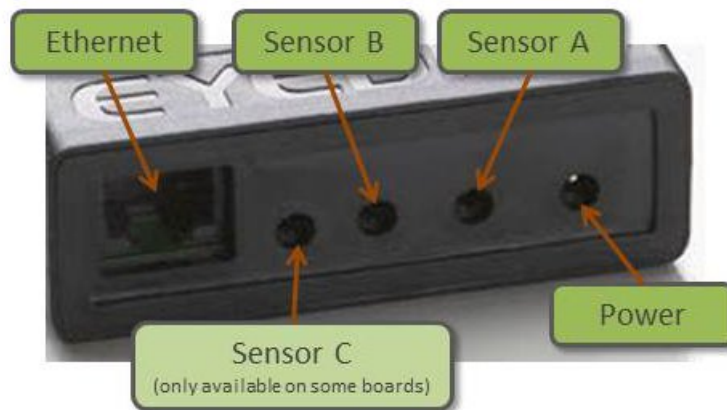
- ✓ Ethernet cable
- ✓ Low-voltage power adapter(s)
- ✓ Tie wraps (optional – not included)

TOOLS YOU WILL NEED

- ✂ None

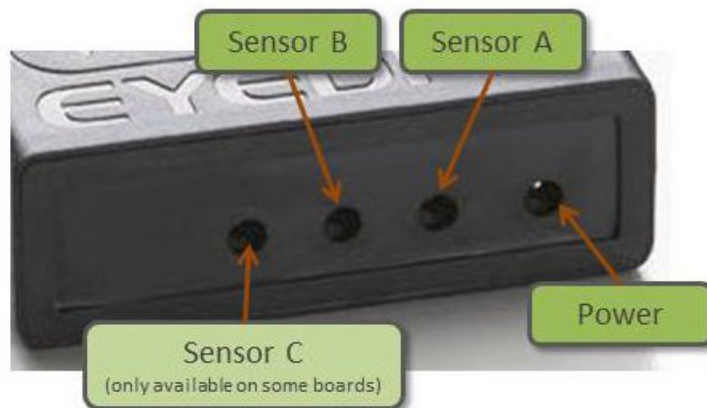
PROCEDURE (WIRED INSTALLATIONS)

1. Connect sensor cables to the Eyedro module.
2. Connect one end of Ethernet cable to Eyedro module.
3. Connect the other end of the Ethernet cable to the router (or Internet access point).
4. Connect the appropriate end of the low-voltage power adapter to the Eyedro module.
5. Plug the other end of the low-voltage power adapter into a nearby AC wall receptacle.
6. Secure all wiring neatly with tie wraps.



PROCEDURE (WIRELESS INSTALLATIONS)

1. Connect one end of Ethernet cable to Eyedro Gateway module.
2. Connect the other end of the Ethernet cable to the router (or Internet access point).
3. Connect the appropriate end of the low-voltage power adapter to the Eyedro Gateway module.
4. Plug other end of low-voltage power adapter into wall receptacle.
5. Connect sensor cables to the Eyedro Sensor Module.
6. Connect the appropriate end of the low-voltage power adapter to the Eyedro Sensor Module.
7. Plug the other end of the low-voltage power adapter into a nearby AC wall receptacle.
8. Secure all wiring neatly with tie wraps.



INTERNET CONNECTION

All Eyedro products are designed to take advantage of the MyEyedro cloud services – thus requiring the product(s) to be connected to the internet at all times. There is a small amount of internal memory to store data in the event of a temporary disruption to your internet service.

For most networks, it only requires that you plug the system into an active Ethernet port with a DHCP server somewhere on your network. A DHCP server is enabled on most routers by default and will provide connected hardware with an IP address so they can communicate via the internet.

In some cases, additional security has been added to the local network (firewall, port filtering, etc) making some additional configuration necessary. A good test would be to plug a laptop or computer into the same Ethernet port that you intend to use for your Eyedro product – if you can open a browser and navigate the web no additional configuration is likely needed.

A couple of important notes:

- Eyedro devices require connection to **an active Ethernet port** on your router, switch or hub.
- Eyedro devices ship with Ethernet patch cords (straight-through). Most routers, switches and hubs provide crossover functionality but some old hardware may not. In those cases, it may be necessary to connect to a specific port or use a crossover cable.
- Eyedro devices require **a DHCP server** somewhere on the network.
- If your network does not have a DHCP server, or it is restricted, you may need to reserve an IP address for the device based on the MAC address of the device.
- The **MAC address** of your device will be **60:54:64:XX:YY:ZZ** – where XX:YY:ZZ are the last digits of your module serial number. For example, a module with the serial number 003-12345 will have the MAC address 60:54:64:31:23:45.
- Eyedro devices communicate using **port 80 (HTTP)** – all communication to/from the device looks like standard **web traffic**.
- The **wireless** Eyedro products do **not** communicate using the **WiFi** protocol. They use a custom wireless protocol between modules and the gateway unit plugs into a physical Ethernet port, on your router or switch, to access the internet.

SOFTWARE CONFIGURATION

MYEYEDRO.COM



The **MyEyedro** electricity monitoring cloud service is the interface for your Eyedro device(s). Eyedro and MyEyedro are always working together to measure, analyze and store your electricity usage and cost information. With MyEyedro, your electricity data is automatically and securely stored in the cloud, so it's ready when and where you need it most. MyEyedro presents your electricity data in ways that are engaging, informative and easy to understand. See real-time electricity usage and gain access to many helpful features, including:

- Responsive real-time graphs
- Hourly/Daily/Weekly/Monthly cost estimates
- Bill comparisons and estimates
- Downloadable data for further analysis

MyEyedro is easy to use and accessible from a standard web browser.

1. Go online to: <http://my.eyedro.com> to create your online account (or login if you have an existing account).
2. From the system configuration screen, enter the serial number of your Eyedro Module(s) – found on the back of the device(s).


For more information on MyEyedro and complete instructions for adding devices, refer to the online documentation and user guide found at <http://eyedro.com/support>

SPECIFICATIONS





HARDWARE SPECIFICATIONS

	Wired	Wireless
Module Power Supply Voltage	5V DC input	
Module Power Supply Current	0 to 0.3A	
Operating Conditions	32 to 122°F (0 to 50°C) 80% relative humidity	
Storage Conditions	-4 to 158°F (-20 to 70°C) 80% relative humidity	
Module Dimensions (W x H x D)	3 x 3 x 1 in (77 x 75 x 25 mm)	
Parts Included	One(1) Combo Module (up to) Three(3) Current Sensors One(1) 10ft Ethernet Cable One(1) Power Adapter	One(1) Gateway Module One(1) Sensor Module (up to) Three(3) Current Sensors One(1) 3ft Ethernet Cable Two(2) Power Adapters
Weight [approximate]	0.940 lbs (0.426 kg)	1.6 lbs (0.726 kg)
Wireless Link	NA	2.405 to 2.480 GHz
Wireless Range	NA	1000ft (300m) <i>Typical</i>

SENSOR SPECIFICATIONS

Sensor	Input	Output	Accuracy	Opening		Cable Length
200A Current (max 300V – EB*)	0 to 200A AC 50-60Hz	0 to 7.5V AC	±1% Typical ¹	1.000 in (25.40 mm)		39 in (1000 mm)
200A Current (max 600V ² – EB*)	0 to 200A AC 50-60Hz					72 in (1800 mm)

The following are only available as substitutions for Eyedro Business (EB*) products

400A Current (max 600V – EB*)	0 to 400A AC 50-60Hz	0 to 7.5V AC	±1% Typical ¹	1.25 x 1.25 in (32 x 32 mm)		96 in (2400 mm)
600A Current (max 600V – EB*)	0 to 600A AC 50-60Hz			2.0 x 2.0 in (51 x 51 mm)		
800A Current (max 600V – EB*)	0 to 800A AC 50-60Hz			3.0 x 5.0 in (76 x 127 mm)		
1200A Current (max 600V – EB*)	0 to 1200A AC 50-60Hz	0 to 5.0V AC	±1% Typical ¹	3.0 x 5.0 in (76 x 127 mm)		
2000A Current (max 600V – EB*)	0 to 2000A AC 50-60Hz					
3000A Current (max 600V – EB*)	0 to 3000A AC 50-60Hz					

¹Accuracy noted is for sensor readings at 10% to 90% of rated current. Instantaneous power and power consumption measurements combine sensor measurements with a constant voltage value (defined by user – defaults to 120V). This product also requires a continuous internet connection.

²Ensure the signal cable is clearly marked with the appropriate 600V rating prior to installation in applications where the voltage exceeds 300V AC.

COMPLIANCE

This product has been tested and found in compliance to:

Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use – Part 1: General Requirements UL 61010-1 Second Edition, Dated July 12, 2004 (Updated October 28, 2008);

Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use – Part 1: General Requirements CAN/CSA-C22.2 No. 61010-1 Second Edition (IEC 61010-1:2001, Mod), Dated July 12, 2004 (Updated October 28, 2008);

Industry Canada ICES=003, Issue 4 – Interference-Causing Equipment Standard – Digital Apparatus;

EN 61326-1:2006 – Electrical Equipment for Measurement, Control and Laboratory Use – EMC Requirements, Part 1: General Requirements;

European CISPR 11:2009 +A1:2010 / EN 55011:2009 +A1:2010, Class A, Group 1 – Industrial, Scientific and Medical (ISM) Equipment;

Federal Communications Commission (FCC) CFR 47, Part 15, Subpart B - Class A Unintentional Radiators.

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 and (2) this device must accept any interference received, including interference that may cause undesired operation.

WARRANTY

LIMITED ONE YEAR WARRANTY

Eyedro Green Solutions Inc. warrants this product for a period of one year from date of purchase for all defects in material and workmanship. Defective parts may be repaired or replaced, at the discretion of the manufacturer, free of charge during this period.

Warranty Conditions:

1. The product must be installed and operated in strict accordance to the provided instructions.
2. Warranty requires the original proof of purchase.
3. Warranty is void if the product has been tampered with or modified in any way.
4. Warranty returns require a Return Material Authorization (RMA) number. Visit eyedro.com/support for an RMA number.

CONTACT INFORMATION

If you have any questions about using your Eyedro Electricity Monitoring System please visit our website for documentation, videos, frequently asked questions and contact forms.

Website: eyedro.com

Support: eyedro.com/support



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THE EYEDRO ELECTRICITY MONITORING SYSTEM IS INTENDED TO BE USED TO INCREASE AWARENESS OF ELECTRICITY CONSUMPTION WITHIN THE BUILDING AND AS AN ADDITIONAL RESOURCE TO APPROXIMATE UTILITY COSTS. SYSTEM ACCURACY DEPENDS ON A NUMBER OF FACTORS INCLUDING (BUT NOT LIMITED TO): MEASUREMENT AMPLITUDE, SENSOR CALIBRATION, UP TIME, AND STABILITY OF THE VOLTAGE SUPPLY. IT IS NOT INTENDED TO REPLACE THE ELECTRICITY METER FOR THE BUILDING.

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