UNEEKOR

EYE XR

Product Guide

Rear Mounted,
Redefined.

User Guide
Contents

Welcome to
Uneekor

Congratulations on your new Uneekor EYE XR. We are happy that you have chosen to elevate your golf game with us, and we are convinced you will enjoy your new Uneekor Launch Monitor.

The EYE XR combines dual high-speed cameras with AI-driven tracking to deliver accurate ball and club data. The placement behind the hitting zone provides the freedom to swing confidently and freely. With a sleek, compact design, it seamlessly integrates into any modern setup, redefining precision and convenience.

FEATURES

- Capture club data without the need for stickers.
- Delivers precision with dual high-speed cameras and AI-driven club tracking, all in a sleek, rear-mounted design that ensures confident swings.
- 19 Data Points: Unlock club and ball data points and actionable insights you need to truly elevate your game. Nothing behind a paywall, just powerful data right at your fingertips.
- Dimple Optix™: Dimple Optix™ lets you play with the ball you trust and get precise ball data, thanks to our patented technology. Our advanced camera system captures the dimples of any white golf ball at high frame rates, delivering unmatched accuracy. Gain clear insights into your ball's flight and spin.
- Club Optix™: This powerful visual tool captures every moment of contact and provides immediate feedback on your strike. By analyzing each shot visually, Club Optix™ helps you understand your impact in real time.
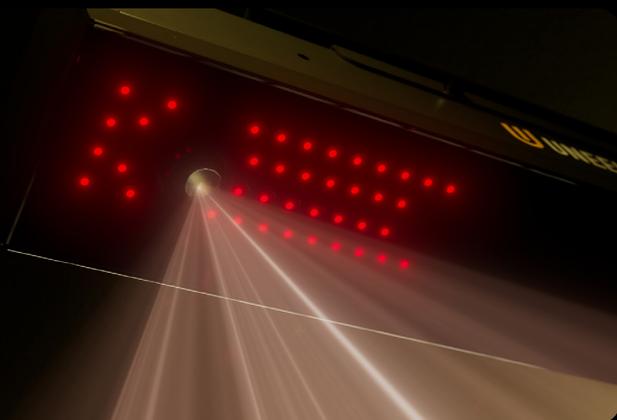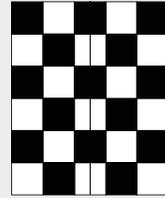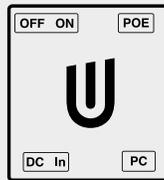
What is
Included?
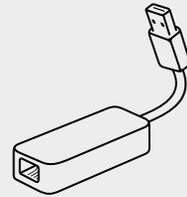

EYE XR LAUNCH MONITOR
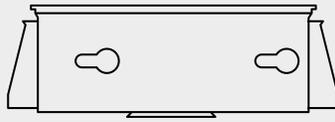
EYE XR BRACKET

CALIBRATION BOARD

POWER SUPPLY (STANDARD US OUTLETS/REGION ADAPTER)

OFF ON   POE

DC In   PC

POE ADAPTER

USB ETHERNET ADAPTER
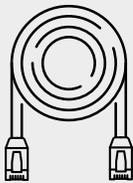
45FT LAN CABLE
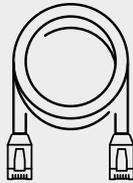
15FT LAN CABLE
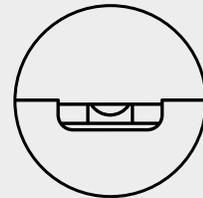
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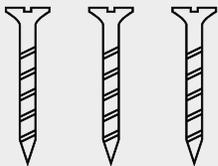
M4 SCREWS (32MM)
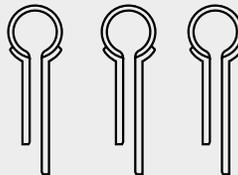
BRACKET ANGLE GUIDE PINS
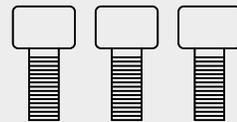
MOUNTING SCREWS

Safety
Notice

⚠️ **THE FOLLOWING SAFETY PRECAUTIONS MUST BE OBSERVED!**

- Do not install near any heat sources such as radiators, heat registers, stoves, or other sources of heat. Install the launch monitor in a stable and level location.
- Do not subject the device cables to excessive stress, heavy loads or pinching.
- Do not open, disassemble, change, or attempt to repair the device.
- Always ensure your device is powered off before storing. If water has entered your device, please power it off and disconnect it from the power source.
- Do not look directly into the infrared cameras when the device is turned on.
- Uneekor recommends storing your device in a cool and dry environment.
- Ensure the temperature of the storage space is not colder than 20ºF (-6ºC) and no warmer than 110°F (43°C). Do not leave your device in cold or hot temperatures for extended periods of time.

SAFETY INSTRUCTION WHEN INSTALLED

- Only use the power adapter provided with the device. Do not modify the cord in any way. If it will not fit the outlet, have a proper socket outlet installed by a qualified electrician.
- Plug the device into a 100 – 240V AC (50 – 60Hz) outlet only.
- Do not cover the device or the AC/DC adapter during use.
- This device is designed for indoor use only. The device is NOT designed for use in rain and/or outdoor environments.
- Always examine the device, the AC/DC adapter and power cord before installation and use. If the adapter or cord is damaged, it must be replaced before operating the device.
- Be aware of your surroundings and use cautiously when children and others are nearby. Swinging a club during play while others are present may result in serious injury or death.
- Ensure that your simulator space is protected against damage from ricocheting golf balls and other flying objects.

CARELESS OR IMPROPER USE MAY CAUSE SERIOUS INJURY

Safety
Notice

READ ALL PRECAUTIONS BEFORE INSTALLAION.

It is essential that you fully understand and observe these precautions and warnings at all times.

CAUTION. HOT SURFACE

This device can be hot and must not be covered or touched without taking care.

WARNING! THIS DEVICE MUST BE GROUNDED

If it should malfunction or break down, grounding provides a path of least resistance for electrical current to reduce the risk of electric shock. This device's power plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local code and ordinances.

THIS DEVICE SHOULD BE USED INDOORS ONLY

Never use this device outside or in any location where exposure to water or high humidity may occur. Do not touch the device, the A/C adapter or outlet with wet hands, as this can cause fire or electric shock.
Do not use this device in environments where high humidity, smoke, or dust is present.

RISK GROUP 2

WARNING! IR remitted from this device. Do not look directly into the infrared cameras when the device is turned on.

CLEANING AND MAINTENANCE INSTRUCTIONS

UNPLUG THE ADAPTER AND LET THE DEVICE COOL DOWN FOR 10 MIN BEFORE CLEANING
The device and adapter may be cleaned using a dry cloth or a wrung-out damp cloth with lukewarm water only. Do not use strong or abrasive detergents when cleaning.
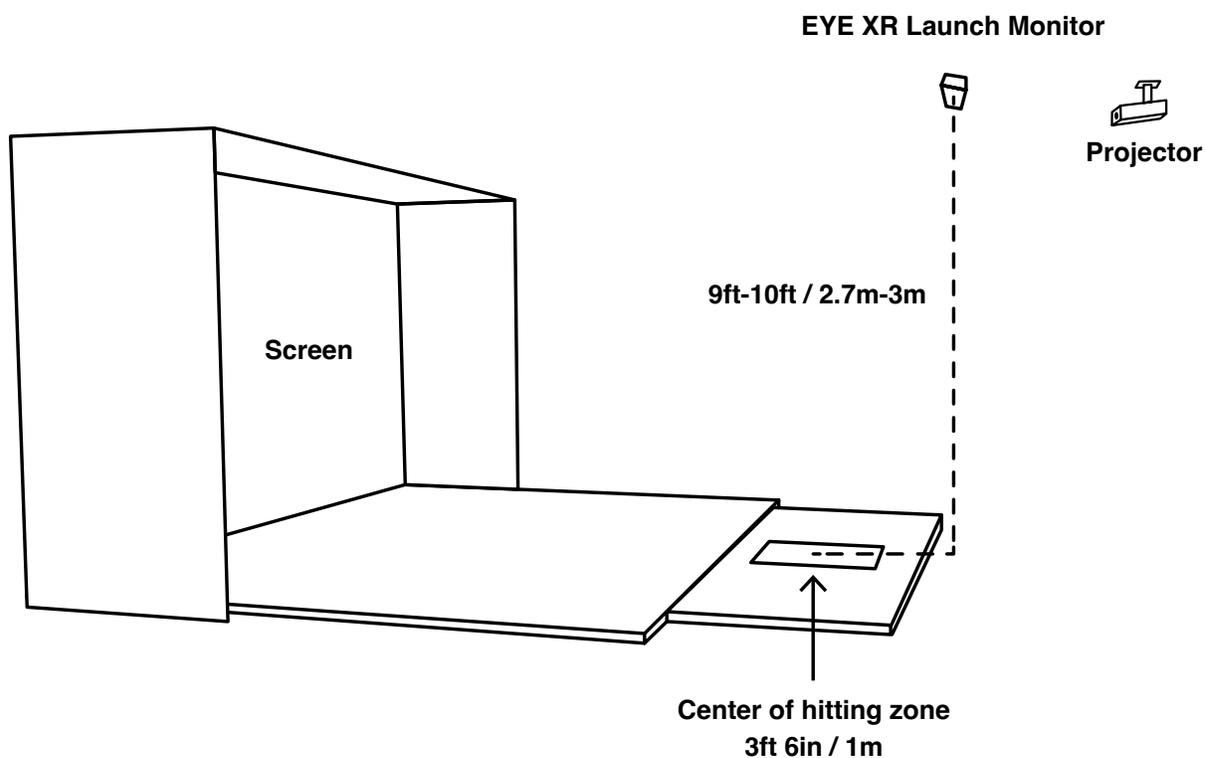
Installation & Setup
EYE XR

POSITION & ALIGNMENT

The overhead launch monitor should be mounted and setup on your ceiling following this below illustration. The mounting position of the EYE XR launch monitor device must be perfectly aligned 3 feet 6 inches / 1m behind your tee position and between 9-10 feet / 2.7m-3m for the ceiling height. Failure to meet these requirements will result in accuracy issues.

If your ceiling height does not fall within these requirements, you will need a ceiling drop mount, to ensure your launch monitor is mounted within the 9-10 feet / 2.7m-3m.

EYE XR Launch Monitor

Projector

9ft-10ft / 2.7m-3m

Screen

Center of hitting zone
3ft 6in / 1m

Please keep a clear line of sight between the ball and your EYE XR unit or your shot may not register.
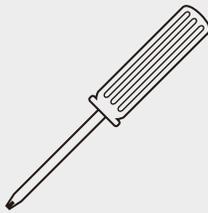
Mounting the Bracket
EYE XR

INSTALLATION TOOLS (NOT INCLUDED)

To safely and accurately install your new EYE XR launch Monitor, please ensure you have the following tools available:
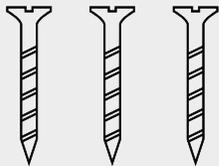
LADDER

SCREWDRIVER (PHILLIPS)

NECESSARY PARTS (INCLUDED)

M4 32MM SCREW

BRACKET

EYE XR LAUNCH MONITOR

Step 1

PREPARE THE EYE XR BRACKET

The EYE XR launch monitor device and bracket come attached together in the box. Slightly loosen the black screws that are holding the device to the bracket so you can remove it.

Please ensure that you measure 3 feet 6 inches from the center of your hitting zone (the exact spot where you plan to strike the ball) to the center of the launch monitor. Do not use the mounting bracket as a reference point for this measurement.
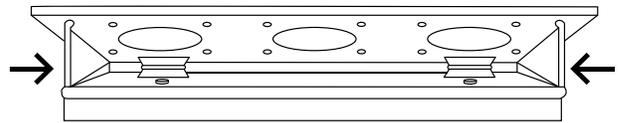
Step 2

BRACKET POSITION

Place the ladder under the location on the ceiling where the bracket will be mounted. Place the bracket flat against the ceiling with the hinges facing down toward the ground. The longer side of the hinges must be closer to the impact screen.
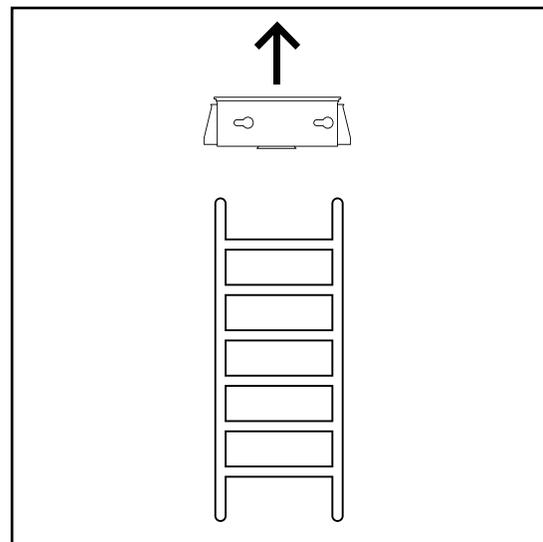
Mounting the Bracket
EYE XR

Step 3

BRACKET POSITION (CON'T)

With the bracket in position, grab the 4 silver M4 32mm screws and screw them in the locations below in the diagram.
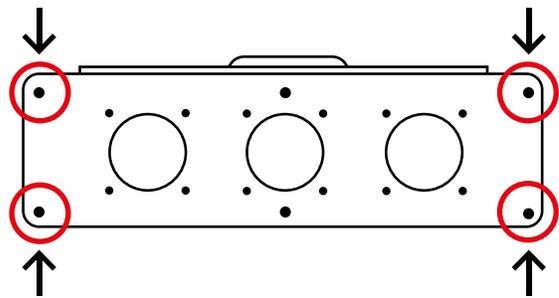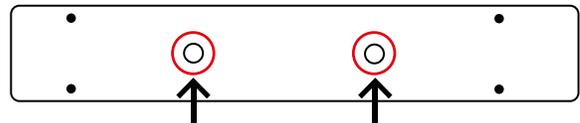
Step 4

INSERT THE DEVICE

After the bracket has been firmly mounted to the ceiling or the ceiling drop mount, you can now install the device. Locate the two already installed silver screws on your EYE XR.

Please make sure to remove both rubber lens caps and the protective film.

Step 5

SLIDE THE DEVICE ONTO THE BRACKET

Push the silver screw of the device into the circular hole of the bracket. Then, slide the device towards the elongated hole next to the circular hole of the bracket to secure it in place.
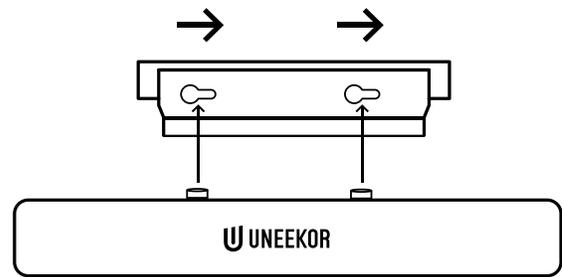
Step 6

ADJUST THE DEVICE ANGLE

The angle of the device can be adjusted with the guide pin holes and guide pins to fit your room and installation exactly. If the Launch Monitor is installed in a location that meets the installation guide requirements, the recommended position is the third hole. You can change this to a different position, if needed. Make sure the bolt is tightened after the pins are in place.
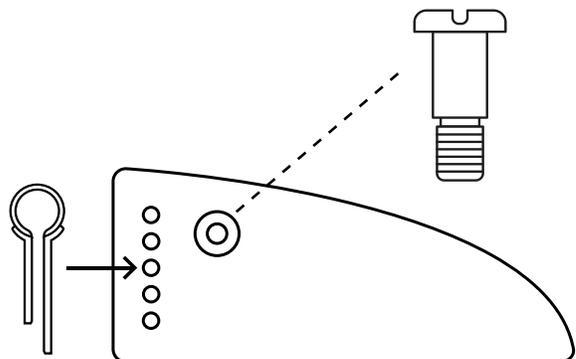
Connecting Your
EYE XR

Next is to connect your EYE XR to your gaming computer. Please ensure that your computer meets the required specifications to run your EYE XR with all software https://uneekor.com/golf-launch-monitors/eye-xr?specs=sw

NECESSARY PARTS

45FT LAN CABLE

15FT LAN CABLE

OFF ON   POE

DC In   PC
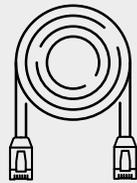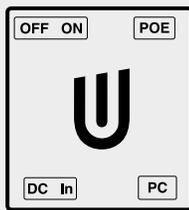
POE ADAPTER

POWER SUPPLY
(STANDARD US OUTLETS/REGION ADAPTER)

CONNECTING YOUR EYE XR TO YOUR PC

Please follow the below illustration / diagram.

Locate the 45ft/15m LAN cable from the EYE XR box. Connect the cable to the device as shown here.

Then connect the other end to the POE Adapter.

Locate the Power Cable and the POE Adapter. Connect the 45ft/15m LAN cable as well as the power cable to the POE Adapter and plug the Power cable into an outlet to supply power as illustrated.

EYE XR

45ft / 15m LAN CABLE

AC/DC ADAP

POWER SUPPLY

OFF   ON   POE

DC In   PC

15ft / 3m LAN CABLE

PC
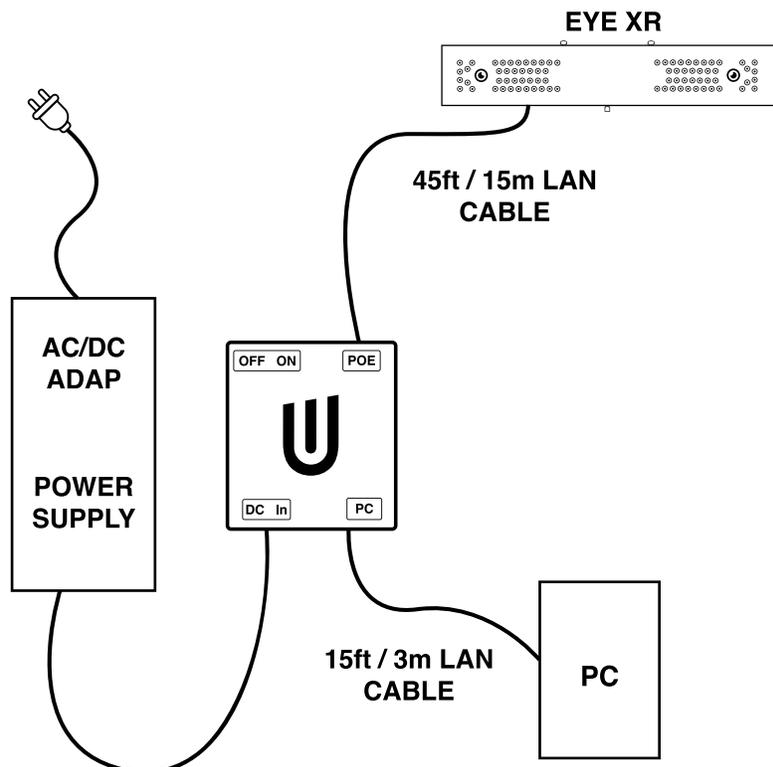
Connection Status
and Software Installation

Before proceeding with the software installation, please ensure that you have completed all of the above steps and especially make sure that you device is powered on and properly connected to your PC with the LAN cable (15m) provided.

Please make sure that your LAN Cable is connected directly to your PC through the Ethernet port. Do NOT have the LAN cable connected through a USB hub nor an adapter.

SOFTWARE INSTALLATION GUIDE

Following the hardware Installation and Connection Status on the previous pages, please continue with the Software installation process, through these steps:

Step 1: Create your Uneekor Account

Go to my.uneekor.com and create your Uneekor Account.

Step 2: Install Uneekor Launcher

Download and install Uneekor Launcher by following this link or navigate to this URL: https://download.uneekor.com/dist/Uneekor/UneekorLauncher/UneekorLauncher_Setup.exe

Once Launcher is installed, please log in and select the "Install" tab on the left. Select the EYE XR and then press "Continue".

Step 3: Follow the Install Wizard

Follow the Install Wizard instructions on the screen. During the installation process, you will be asked to:
- Activate your License Key (Provided in your order confirmation email. Licenses should be populated during setup of launch monitor)
- Calibrate your Launch Monitor and perform a Test Shot
- Perform Software Installation

EYE XR
Technical Specifications

Model Name	EYE XR	**Size**	78.5mm (h) x 99.1mm (d) x 568.9mm (w) 3.1in (h) x 3.9in (d) x 22.4in (w)
Description	Overhead / Rear Launch Monitor	**Weight (LM)** **Weight (Bracket)**	5.8lbs / 2.63kg 2.3lbs / 1.04kg
Power	PoE IEEE802.13bt (recommend CAT6 UTP < 30m)	**Network**	1Gbps, LAN (CAT 6), RJ-45 Connector
Certificate	KC, CE, FCC, VCCI	**Sensor Position**	Rear Mounted
Sensor Location	Ceiling mounted, Rear	**Sensor Technology**	High Speed Camera / Photometric Technology
Golf Ball Use	Any	**Color**	Black

Ball Data Points	Club Data Points

Ball Speed
   Driver/Iron: 11mph – 223mph
   Putter: 0.44mph – 67mph
Side Spin
Back Spin (Up to 12,000rpm)
Spin Axis
Side Angle
Side Distance
Launch Angle
   Driver: -10° ~ 50°
   Iron: 0.1° ~ 80°
Angle of Descent
APEX (Peak Height)
Distance to APEX
Flight Time
Run
Total Carry
Total Distance
	Club Speed
	Smash Factor
	Club Path
	Face Angle*
	
	No club stickers required, club data base on AI Tracking

*Face angle in EYE XR is calculated using a proprietary mathematical formula based on available ball and club data, providing an estimate without the need for club stickers.

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TECHNICAL SUPPORT

We are always ready to help and support you in your Uneekor journey. For additional technical support, please visit https://uneekor.com/support or reach out to one of our Technical Support heroes at support@uneekor.com or Phone: +1 (888) 262-6498

OPERATING HOURS

Monday – Friday   8:00am – 8:00pm EST

Saturday – Sunday   8:00am – 5:00pm EST

Visit uneekor.com for more information