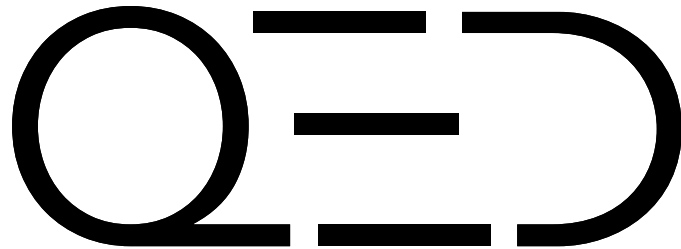INSTALL GUIDE

QED IGNITE

IMPORTANT: Read Before Using.

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Installation Guide

TRUSTWORTHY GOLF SIMULATOR

Step 1: Hardware Installation Guide

Step 2: Software Installation Guide

Notice

Grounding Instructions

In the event of a malfunction or breakdown, grounding provides a path of least resistance for electrical current to reduce the risk of electric shock. This tool is equipped with an electrical cord having an equipment grounding conductor and a grounding plug. The plug must be plugged into a matching outlet that is properly installed and grounded in accordance with all local codes and ordinances.

Do not modify the plug provided. If it will not fit the outlet, have proper outlet installed by a qualified electrician.

UNEEKOR, INC.
3155 W. BIG BEAVER RD SUITE 108
TROY, MI 48084

UNEEKOR

Contents

Contents

Warning - To Ensure Safe Use

Improper handling or operation of this machine may result in injury or damage to property. Points which must be observed to prevent injury or damage are described as follows.

⚠ **WARNING**	Used for instructions intended to alert the user to the risk of severe injury should the unit be used improperly.
⚠ **CAUTION**	Used for instructions intended to alert the user to the risk of injury or material damage should the unit be used improperly. Material damage refers to damage to home, furnishing, or anything within the unit's vicinity.
🚫 **NEVER**	This symbol alerts the user to items that should never be carried out.

To Ensure Safe Use - Continued

⚠️ This is a heavy machine.

⚠️ WARNING

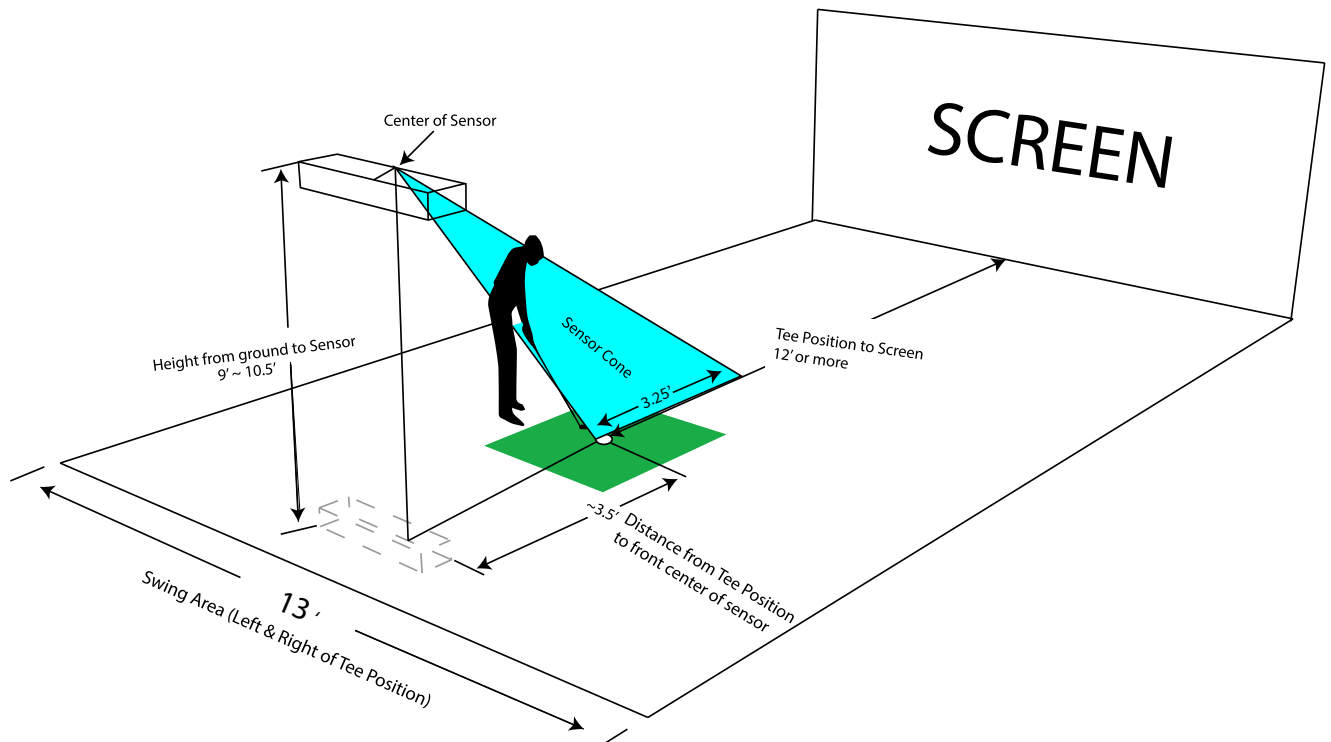| ⚠️	Install in a level and stable location. Failure to do so may result in falling of the machine, leading to injury.
🚫	Never attempt to disassemble, repair, or modify the machine. Doing so may result in fire, electrical shock, or injury. Entrust repairs to a trained technician.
🚫	Never use outside or in any location where exposure to water or high humidity may occur. Do not touch the power cord or electrical outlet with wet or dirty hands. Doing so may result in electrical shock.
⚠️	Conduct play in a clean and brightly lit location. Operating in a dark or cluttered space may lead to accidents.
⚠️	Be aware of your surroundings and use cautiously with children around. Swinging the club during play without being aware will result in serious injury or death.

1. Installation Environment

SCREEN

Center of Sensor

Height from ground to Sensor
9' ~ 10.5'

Sensor Cone

Tee Position to Screen
12' or more

3.25'

~3.5' Distance from Tee Position
to front center of sensor

Swing Area (Left & Right of Tee Position)

13'

PC Specifications

- CPU: Intel i5 8400 or higher (AMD NOT compatible).

- RAM: 8GB.

- Graphics: GeforceGTX 1060.

- Operating System: Windows 10 (64 bit)
   Version 1803 and higher.

- Resolution: Full HD.

- Ethernet Port Required

2. Included Items

The following items are included with the sensor. Make sure they are all present and accounted for.

Power Cable (1)	Power Adapter (1)	Power Connector (1)	USB Ethernet Adapter (1)
Ethernet LAN Cable (1)	Marked Balls (24)	M4 32mm	M6 15mm
QED Sensor Bar	Bracket	USB - Software	Calibration Chart

3. Hardware Install

⚠️ **WARNING**	Confirm installation requirements are met from Section 1 "Installation Requirements," and outline bracket location on ceiling.
⚠️ **WARNING**	Consult with building manager or landlord about the specifications and weight capacity of the ceiling before installation. The sensor and bracket are approximately 30 lbs and 9 M4 32mm screws are required to screw in the bracket and hold the sensor. Failure to do so may result in serious injury or damage to property.
⚠️ **CAUTION**	Two or more persons are recommended for mounting the bracket on the ceiling and extreme caution is required while on the ladder. Failure may result in serious injury or damage to property.

| Necessary Tool	Necessary Tool	Necessary Parts	Necessary Parts	Necessary Parts
Ladder	Phillips screwdriver	M4 32mm Screw x 9	Bracket	Sensor Bar

3.1 Hardware Install

1. Mount Bracket

1 The QED Sensor and bracket come attached together in the box. Slightly loosen the black M6 15 mm screws that are holding the sensor to the bracket so you can remove it.

2 Place the ladder under the ceiling mounting position. Climb the ladder to a comfortable position and place the bracket flat against the ceiling with the hinges facing down towards the ground and the logo closest towards the hitting screen.

**Make sure this center point is aligned with tee position on mat.**

3 With the bracket in position, grab 9 silver M4 32mm screws and screw the first two screws in order according to the diagram below. Then screw in the rest in any order.
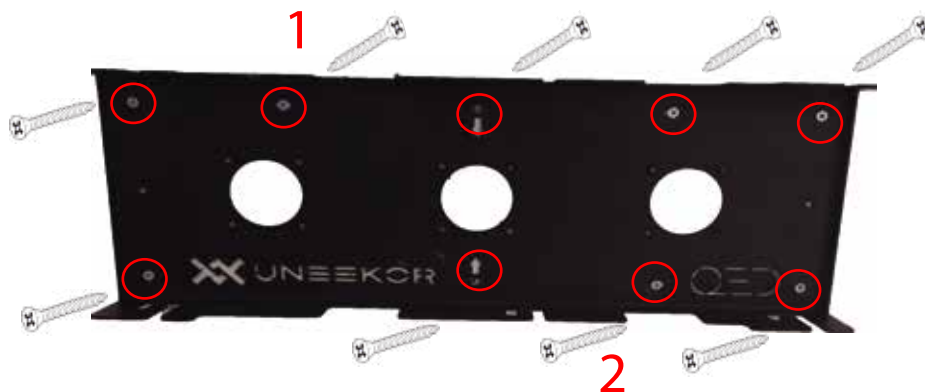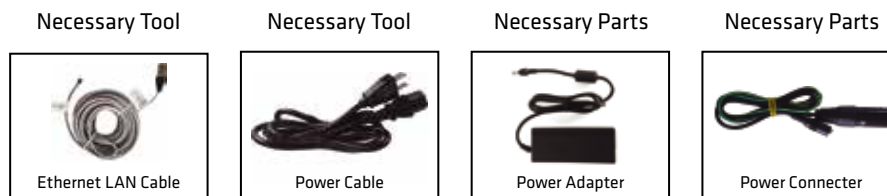
3.2 Hardware Install

2. Slide Sensor

1 After the bracket has been firmly mounted to the ceiling, you will install the sensor bar. The sensor bar comes with 6 black M6 15mm screws already inserted; 3 screws in the front and 3 screws in the back. Make sure all 6 screws are about half way screwed into the bar and even in length.
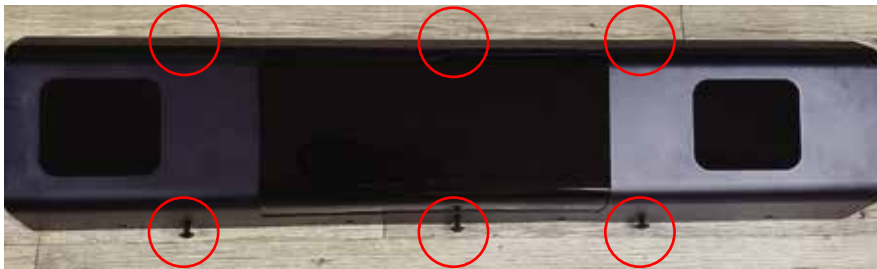
2 Slide the sensor bar with the 6 screws up and over through the bracket hinges. Make sure the screws are secured in the hook part of the hinges. If the screws do not go into the hinges, adjust by tightening the screws just a little.

3. Connection

Necessary Tool	Necessary Tool	Necessary Parts	Necessary Parts
Ethernet LAN Cable	Power Cable	Power Adapter	Power Connecter

1 Take out the Ethernet LAN cable from the box. Connect the end with the tag that reads "Connect this side of LAN cable to Sensor ONLY" to the sensor. Connect the other end DIRECTLY to your PC ethernet port and NOT a switch.


2 Take out all 3 components of the power source: power cable, power adapter, and power connector. Connect all 3 accordingly and connect the "Power Connector" end directly to the sensor as shown below. Turn on red switch.

4. Connection Status

Make sure to check the connection status before you start the software installation process.

1 Check and see if the power is on. You will see a bright red light on the switch of the sensor.

2 Check and see if your QED Sensor and PC are paired through the network - static IP address.
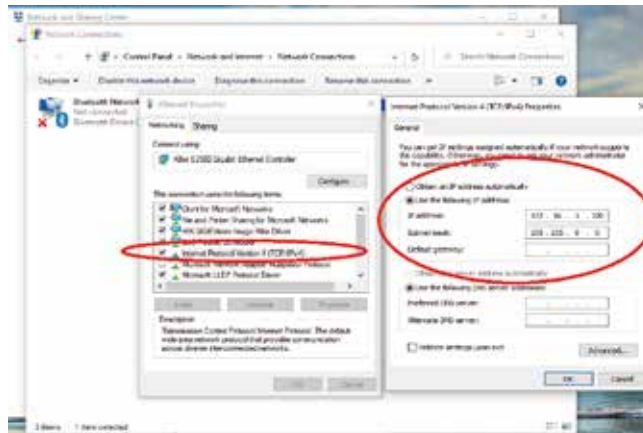
Please refer to our "Network Settings Guide" to set the IP address.

3 Insert the USB memory stick and find and double click: → Z3CamCheck.exe
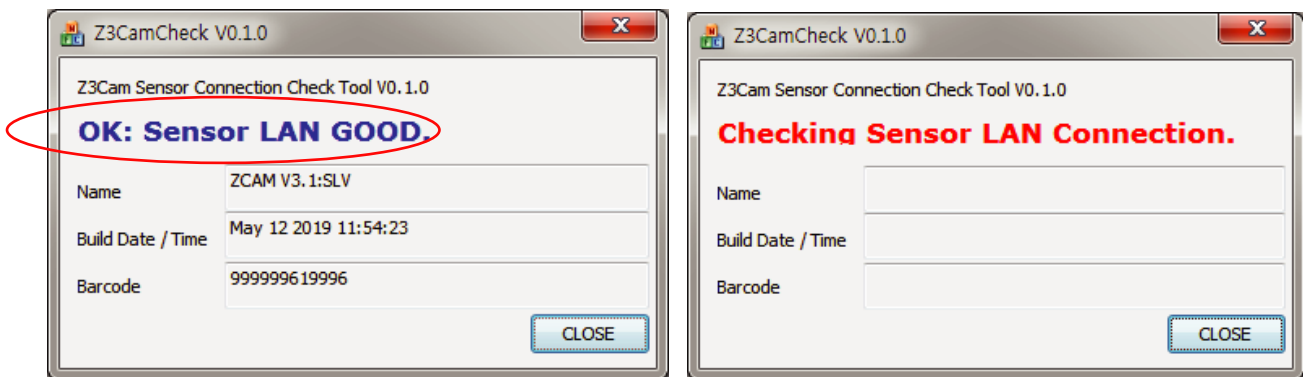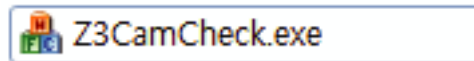
Make sure the Sensor LAN connection is good before the software installation process.

If you don't get the Sensor LAN connection, please refer to our "Network Settings Guide."

5. Software Install

⚠️ **WARNING**	Please make sure PC requirements are met from section 1 "Installation Environment," before the installation process. Failure to do will result in installation issues and slow gameplay.

⚠️ **WARNING**	Please make sure the connection statuses are clear and everything is paired. Failure to do will result in installation issues.

Necessary Parts

USB - Software

5.1 Software Install

1   Insert USB - memory stick from the box into your PC

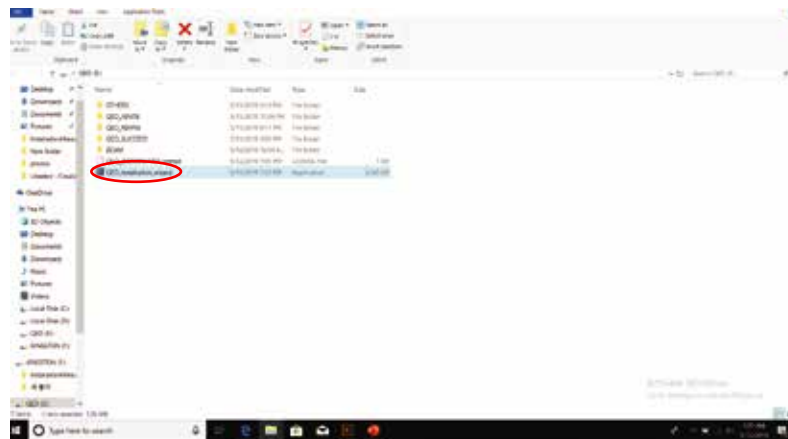**2**   You will receive an email with a license code
from support@uneekor.com which looks like this:
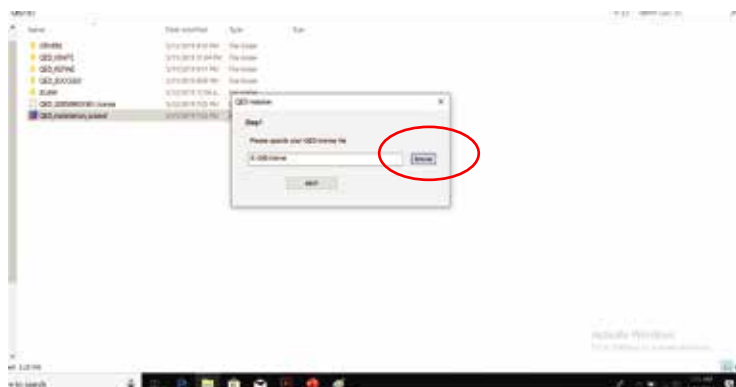
      QED_30000965XXXX.license

Please transfer it to the USB.

3   Open QED_Installation_wizard from your USB

4   Click "browse" once the QED Installer opens
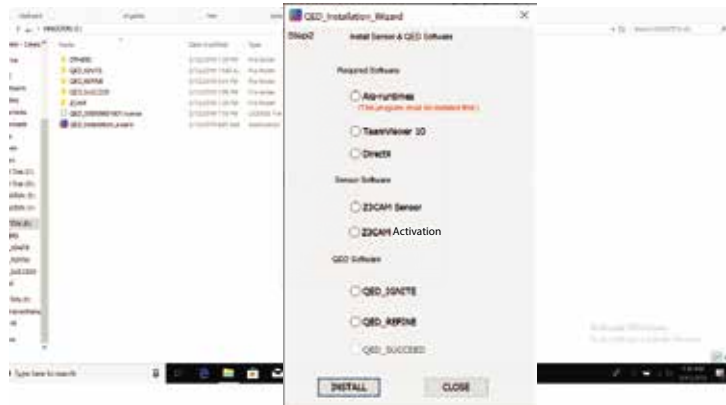and search for the QED license from step 2

   QED_30000965XXXX.license

5.2 Software Install

5 Click next and you should see this window.

6 Description:

① The 3 softwares from the "Required Software" section:
"Aio-runtimes," "Teamviewer10," and "DirectX."

② The 2 softwares from "Sensor Software" section:
"Z3CAM Sensor & Z3CAM Activation"

③ QED Software Section: "QED_Ignite," "QED_Refine,"
and "QED_Suceed." This will depend on your purchase.
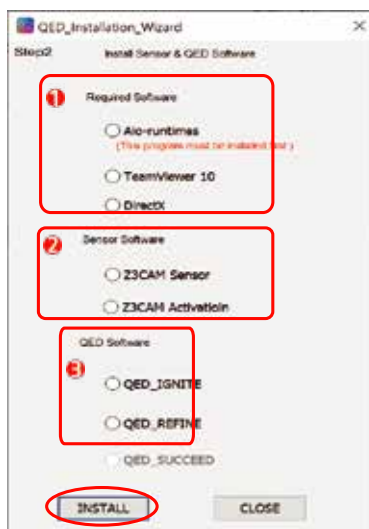
Please install each software one at a time ONLY. Click
"Install" button for each install. "Aio-Runtimes" must be installed
first. Go to next page for steps.

5.3 Software Install

Steps:

Aio-runtimes:

1 Please select only "Visual C++ Runtime files, and unselect the rest. These "Visual C++ Runtime files are required to run tools and the game. Then Click "Install."

(If you do not see the "Visual C++Runtime files it means your PC already has these downloaded from another install)
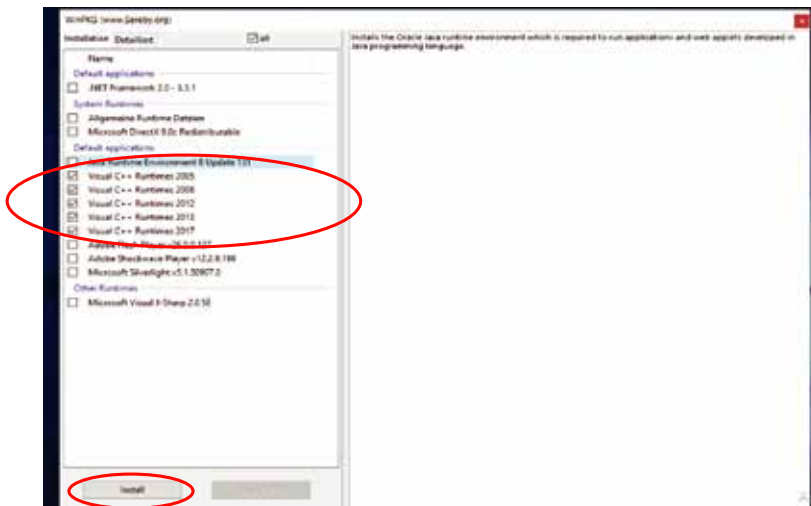
2 **Teamviewer:**

Please select "Basic Installation" and "Personal/non-commericial use," settings for the installation of Teamviewer.
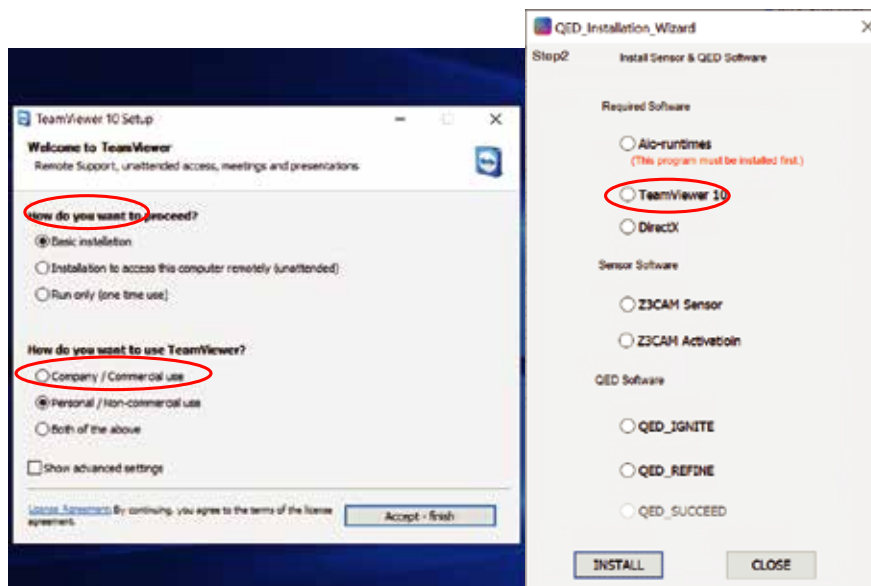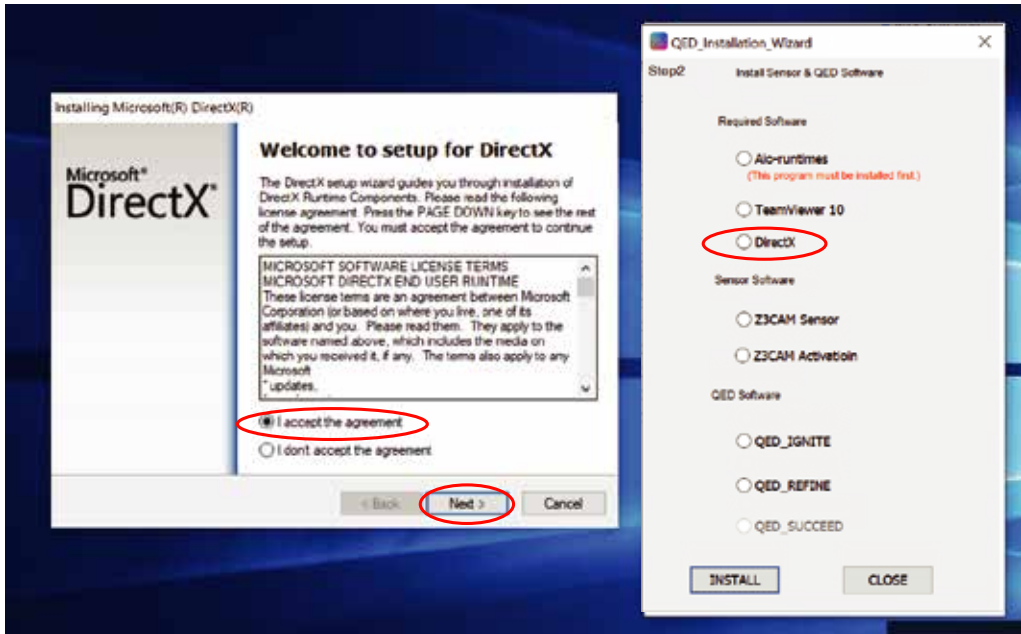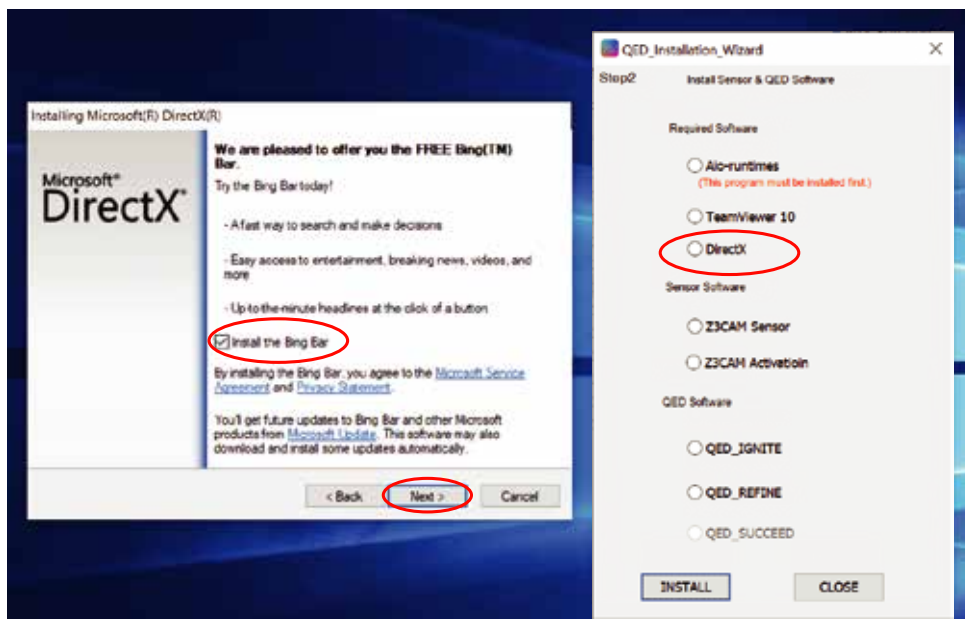
3

Direct X:

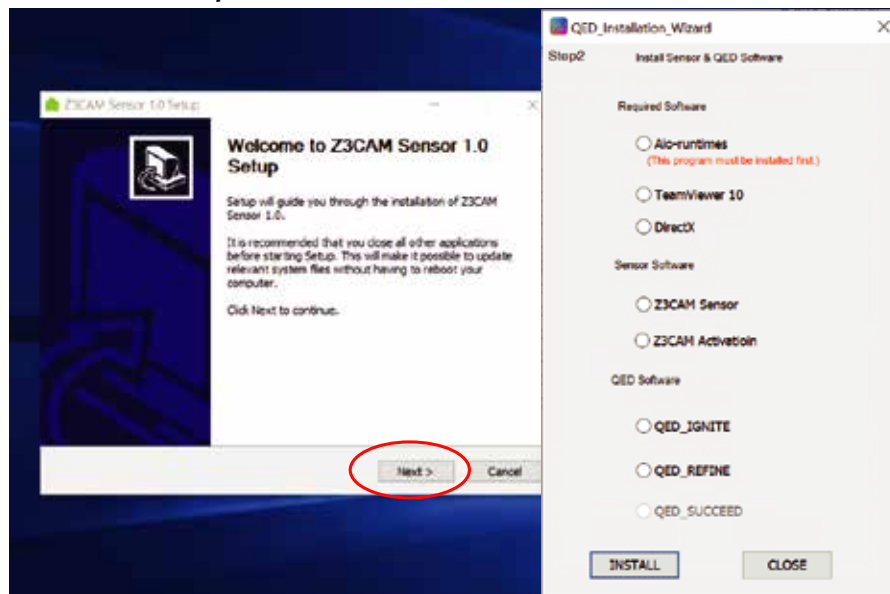Please select "I accept the agreement" and click "Next >"

UNCHECK the "Install the Bing Bar" option and then click "Next>"

Click "Finish" when the download is complete.

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5.5 Software Install

4 **Z3CAM Sensor:**
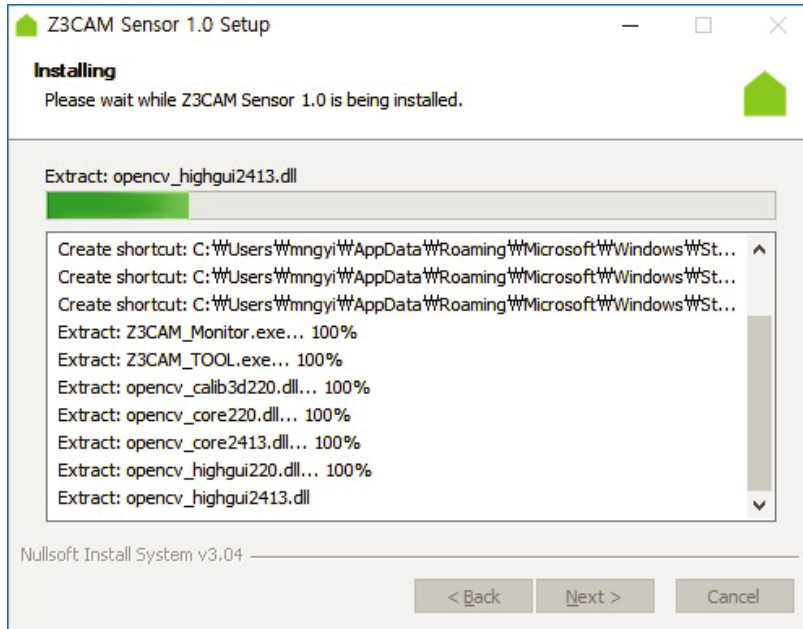Click "Next" to start the Z3CAM sensor install
in the setup window.

5 Default destination folder will be in C: Drive. If you would like
to change the destination click "Browse..." and choose your
folder. Click "Install" to start the install.

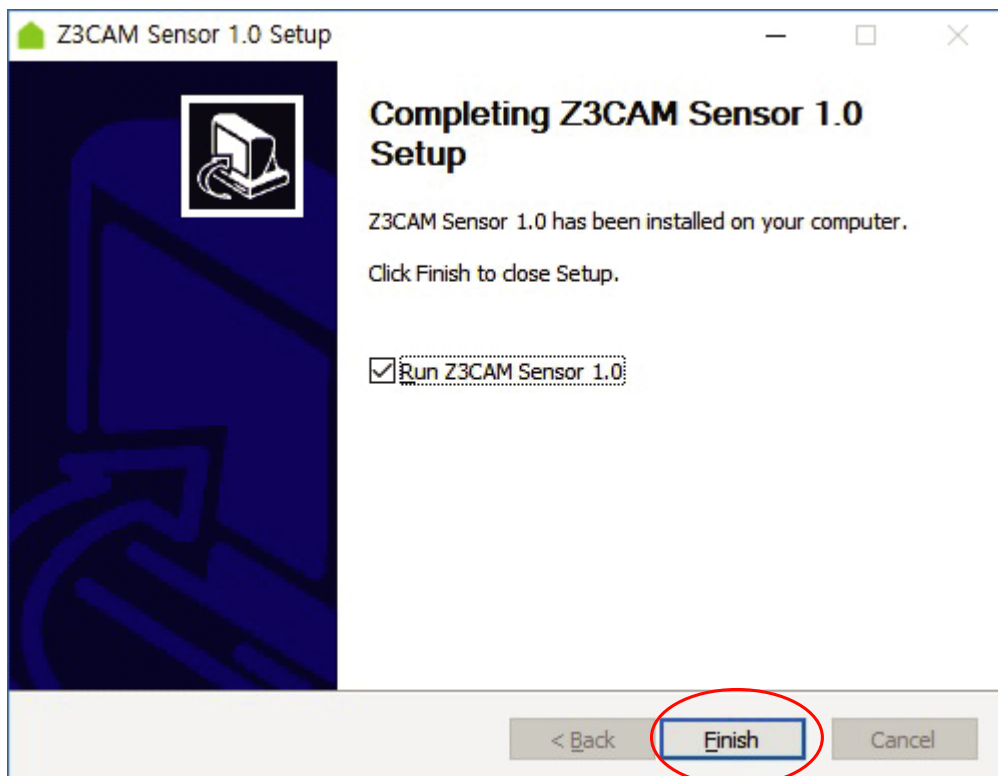UNEEKOR
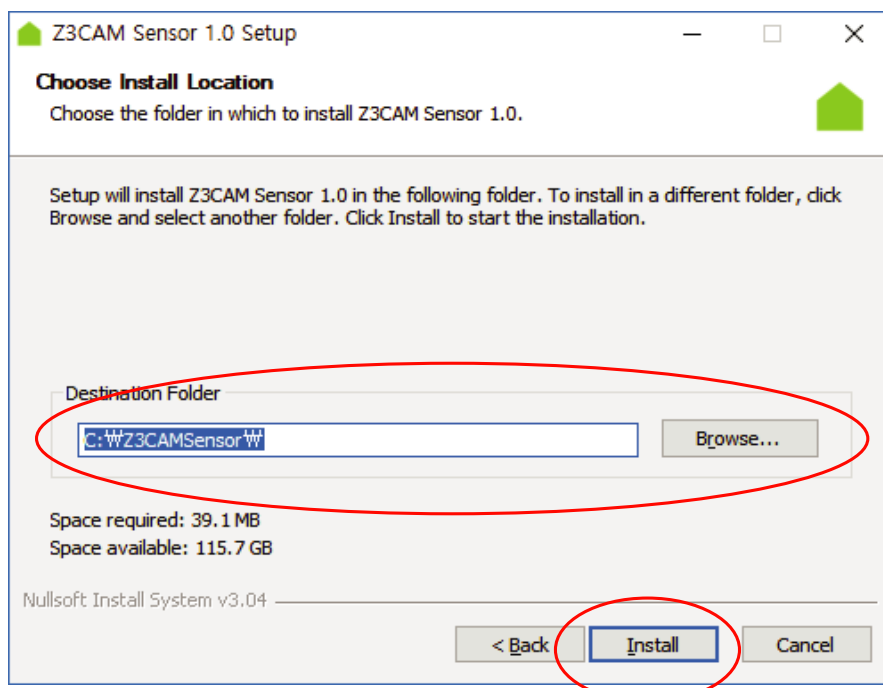
5.6 Software Install

6 You will see this screen once the install has started

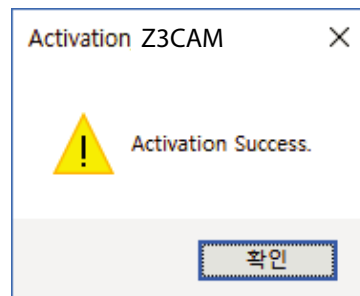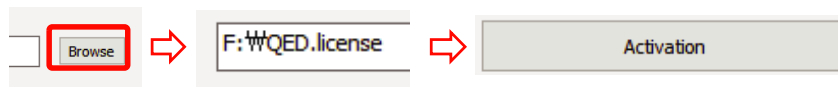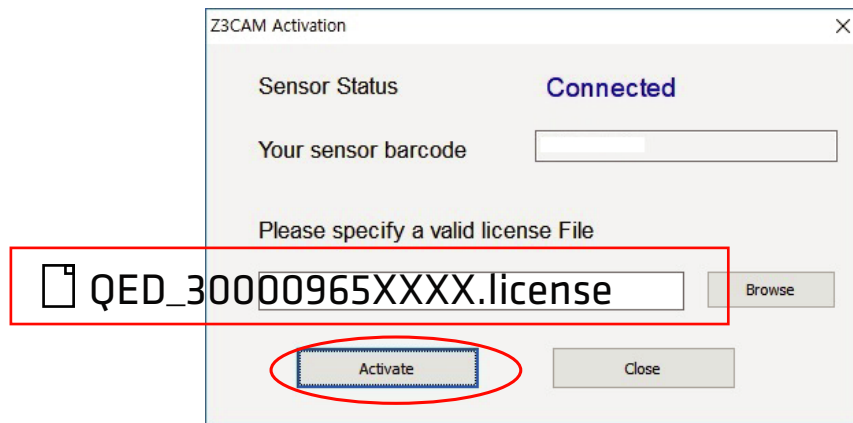**7** The "Run Z3CAM Sensor 1.0 is checked. Uncheck it and click "Finish."

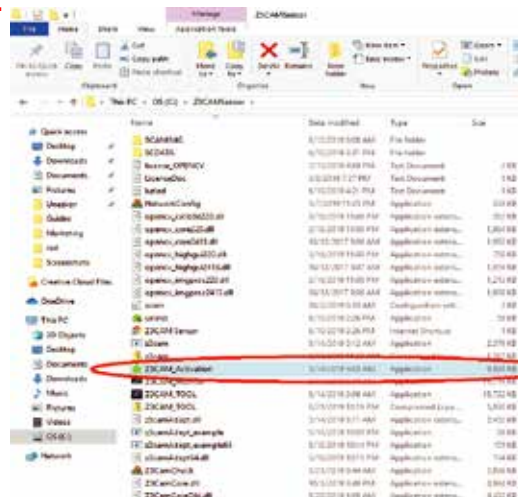# 5.7 Software Install

8 ## Z3CAM Activation:

Click "Browse" to find that QED_License code from step 4. Then click "Activation."

If nothing happens during the Z3Cam Sensor Activation, you can activate it another way. Go into your C:Drive > Open "Z3CamSensor" > Open "Z3CAM_Activation." > Browse for the license file.
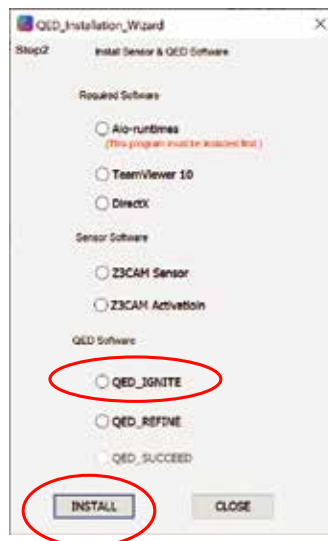
5.8 Software Install

9 **QED Software**
Depending on what package you purchased and steps 2-4, you will be only allowed to choose the specific software to install.
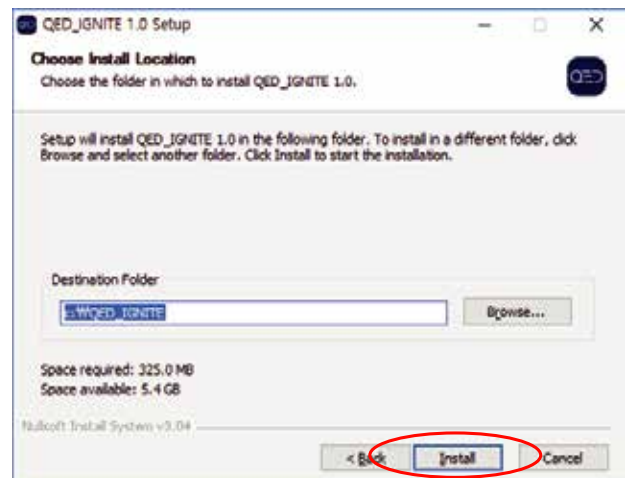NOTE: All QED sensors come with "Ignite" software. Ignite is NOT gameplay software.

Install "QED_IGNITE" software first, then install "QED_REFINE," or "QED_SUCCEED," depending on your purchase.

10 Click the "QED_IGNITE 1.0 Setup" file and click "Next"
Then click the "Install" button on the next window.

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5.9 Software Install

11 Click "Browse" to find that QED_License code from step 4, then click activation.
Then on the final window click "Finish"
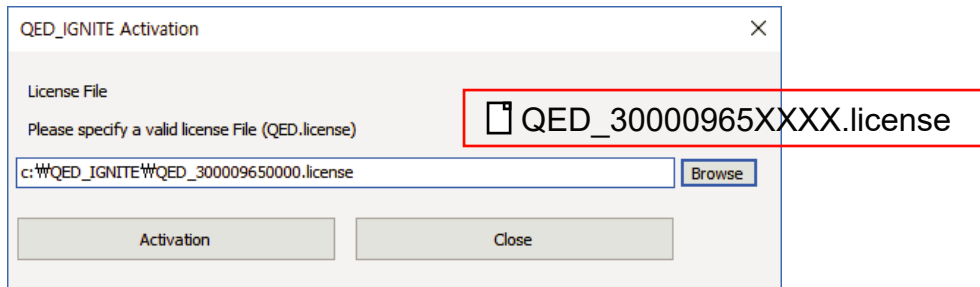
12 For Refine and Succeed install it is the same process as "Ignite"
except the "Open AL" set up.

"Open AL" is the sound software for gameplay.
click "OK" to install.

5.10 Software Install

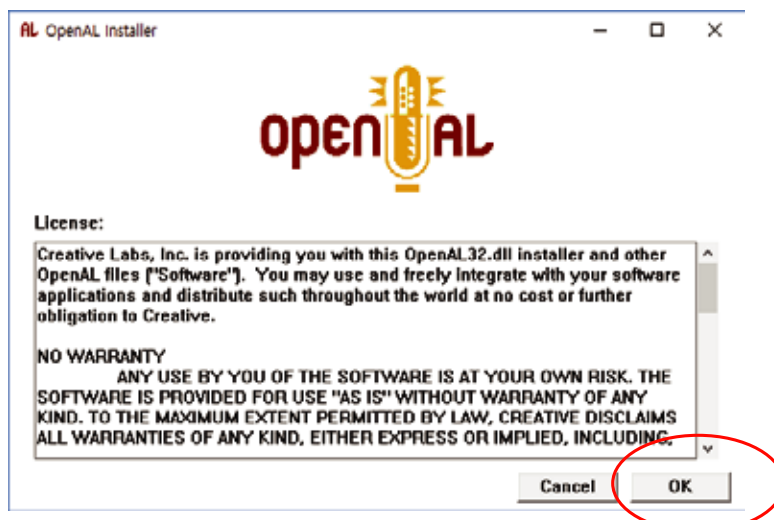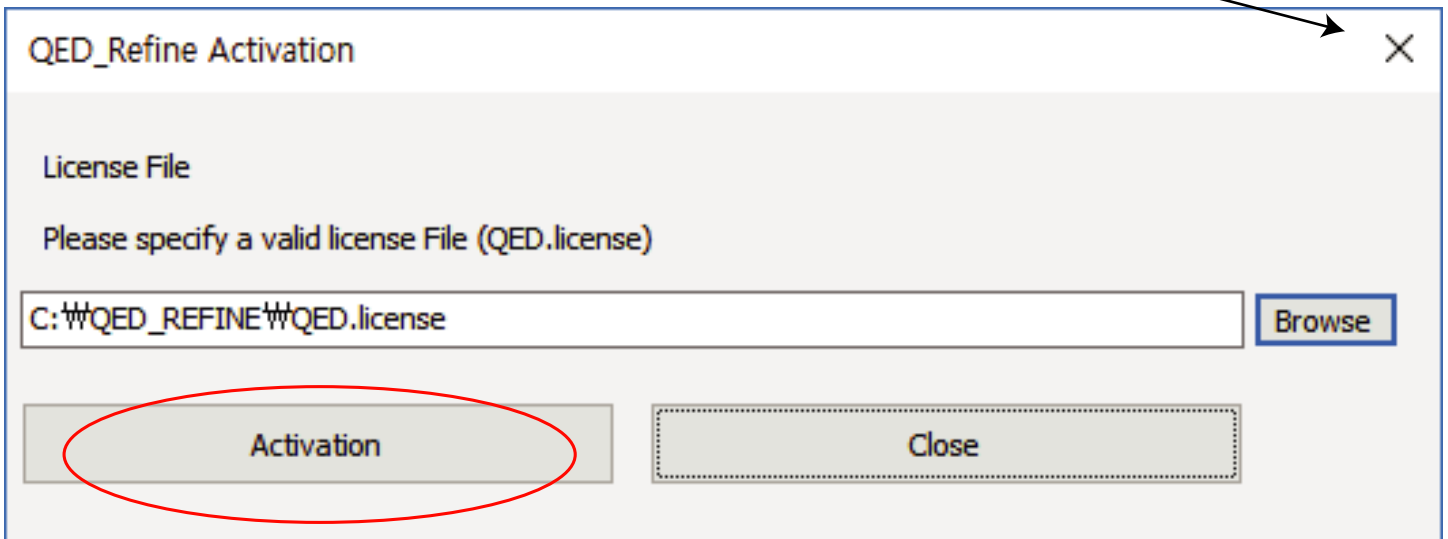**13** Once "Open AL" software install is complete you will see the "QED_Activation" window.
Click browse to find that QED_License code from step 4. Then
click "Activation."
*It is important during this process to NOT click the exit button.

QED_Refine Activation   ✕

License File

Please specify a valid license File (QED.license)

C:₩QED_REFINE₩QED.license | Browse |

| Activation | | Close |

📄 QED_30000965XXXX.license

14 If activation was successful you will see this screen. If actiivation failed, please
contact support@uneekor.com.

Activation_QED_REFINE   ✕

⚠️ Activation Success.

| 확인 |
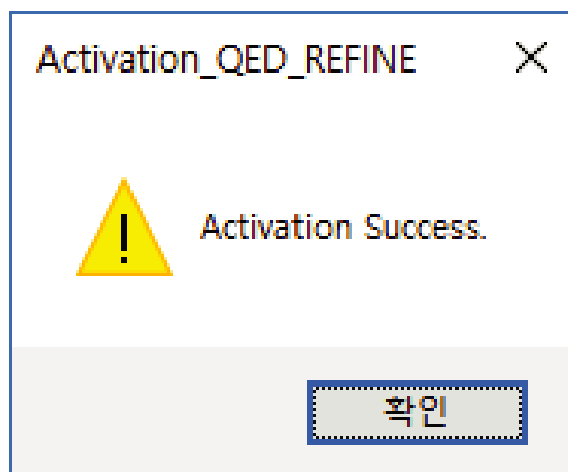
You are now finished with software installation

6. Specifications

Items	Contents
Components	2 Hyper Speed Cameras (few thousand fps each) 2 Infrared LED Boards Control Board Power Board
Data Interface	Ethernet (CAT6 and above)
Communication Speed	1 GBps
Spin Data	Top Spin 12,000 ~ Back Spin 12,000
Measurement Range	Ball Speed Putter: 0.1 m/s ~ 30 m/s Ball Speed Driver/Iron: 5 m/s ~ 100 m/s
Sensing Angle	Driver: -5 ~ 50 Degree Iron: 0.1 ~80 Degree

POWER FOR EVERY GOLFER

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