



# Drone Soccer eSports Contents

DRONE SOCCER GAME SYSTEM



티마텍 주식회사  
TIMATEC Co., Ltd.

# Drone Soccer eSports Contents

DRONE SOCCER GAME SYSTEM

## New Concept of Drone Soccer Sports “The Striker in the sky”



### Introduce of Drone Soccer eSprots

Drone soccer is a new concept of futuristic sport. The rules of drone soccer is played by two teams of five drones, and each team passes and scores through the opponent's goalpost wins game. Since drone soccer simulator is developed with computer 3D technology, the user can enjoy a lively drone soccer eSports game. Further, it supports the 5:5 game matches as same as drone soccer game regulation. Currently, Timatech is commercializing various educational products that everyone can enjoy drone soccer game, and we hope to lead the global market with Korean eSports content in the upcoming Drone Soccer World Cup 2025 in Korea.

### Application Fields

Timatech hopes that drone soccer eSports contents will contribute to more activating the domestic drone industry, and we also hope that K-Drone and K-Contents will lead the global market. In addition, we thank all your interesting and supporting of our drone soccer simulator. This product is a simulation-based drone soccer that applies actual drone soccer regulation game system. Drone soccer game can be applied to drone education centers / schools / academies / museums / military units / exhibition & promotion centers / amusement facilities / game centers / indoor sports fields / hotels / senior welfare centers / science experience centers, and ets.



# USE CASES



\*Jeonju City's Drone Soccer esports stadium

## Drone Soccer eSports Stadium

As an indoor sport, we install and operate our drone soccer game system in various places of drone education centers / schools / academies / museums / military units / exhibition & promotion centers / amusement facilities / game centers / indoor sports fields / hotels / senior welfare centers / science experience centers, and etc. All ages can enjoy a drone soccer game, and it is suitable for eSports.



Image source: Gyeongin Ilbo (establishment of Army 'Dronebot Combat Team') article

## Case of Drone Soccer Education

Drone soccer simulator is possible to teach in indoor places such as schools and academies to provide the actual drone soccer education possibly, and beginners can safely learn drone soccer training on their computers. Also, there is no inconvenience such as drone damage and battery charging, so teachers can teach education smoothly.

## Improvement of Drone Management Capabilities of Soldiers

Drones are the future of the military, and through the recent war in Ukraine, they have become more powerful and important. If soldiers enjoy drone soccer e-sports instead of soccer, they will improve their drone control skills and help secure basic capabilities for anyone to easily handle drones.

# PRODUCT TYPE



## TMDS-5050

It is a drone soccer game system where 10 drone soccer players can play 5:5 match. The matches can be played from 1:1 to 5:5 depending on the number of players, and 1 set of 3 minutes and 3 sets of matches are possible. This is a game system with drone soccer game rules applied. You can experience a realistic drone soccer game with an 85' screen for broadcast and a 50' screen for each player.

# 5:5

+Hardware Specification / Game PC 13EA / Processor : Intel i5 Processor / GPU : GTX1660S or RX6500XT / Memry : 8GB / OS : Windows 11 / 50" Monitor 12EA / 85" Monitor 2EA / Jumper T-Pro 10EA / Speaker, Keyboard, Mouse  
+Software Specification / Drone Soccer simulator system / 10 Player, 50" screen 10EA, PC 10EA / Broadcast 85" screen 2EA, PC 2EA / Player introduction : 50" screen 2EA PC 1EA / PID Setting \*Self practice mode / 5:5 game / Drone Standard Stadium / S/W : Server 1copy(local only), Client 10copy Broadcast 2copy

\*The above specifications are the lowest system specifications, some features may vary depending on customer requirements.



## TMDS-1010

1:1 realistic drone soccer game system through dual screen. This is a dedicated simulation product for drone soccer matches. It is a system that enables 1:1 matches for drone soccer education. Provides a function that allows anyone to easily experience or educate drone soccer. If 5 units are connected to a network, 5:5 game is possible.

# 1:1x5

+Hardware Specification / Processor : Intel i5 Processor / GPU : GTX1660S or RX6500XT / Memory : 8GB / OS : Windows 11 / 32" Monitor 2EA / Jumper T-Pro 2EA / Speaker, Keyboard, Mouse  
+Software Specification / Drone Soccer simulator system (Max) 10EA Drone Ball simulation / Multi Drone controller configuration / PID Setting / Self practice mode / 1:1 game / Drone Standard Stadium / S/W : Server 1copy(local only), Client 2copy

\*The above specifications are the lowest system specifications, some features may vary depending on customer requirements.



## TMDS-PEDU

It is an educational personal version for drone soccer training, and it can be installed on a gaming computer and used by one user. Also it provides a various of training methods. This version is suitable for after-school teachers and students for drone education. (Commig Soon!)

# PACKAGE



## Introduction

Timatech Co., Ltd. is a software and drone company established in 2018, and we are specialized in drone control system, drone AI platform, anti-drone evaluation system and drone 3D simulation technology. In addition, Timatech is one of the leading development company specializing in Qt/QML which is a software platform that is widely used in the defense and automotive. As a development partner of The Qt Company in Finland, we are developing domestic and international software consulting business. Moreover, using the Qt platform, we are developing on PAV(Personal Air Vehicle) clusters and GCS(Ground Control System). Currently, we are his official silver member of the Dronecode Foundation for drone development collaboration established by the Linux Foundation and is also participating in related industrial technology.

## Technology and products

### Drone Soccer eSports Contents

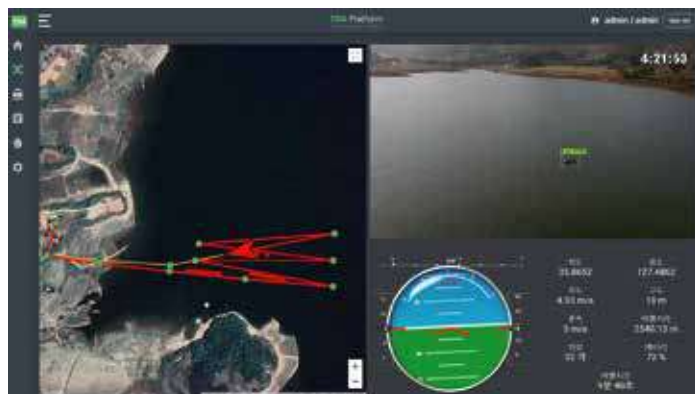
Drone soccer game is a new concept of futuristic sport. The rules of drone soccer game is played by two teams of five drones, and each team passes and scores through the opponent's goalpost wins game. Drone soccer game is being used in various educational markets for drone education. Since drone assembly education and flight practice are also possible through drone soccer, it is very helpful to develop children's dreams in the aviation field. In particular, drone soccer is a content developed in Korea, and many drone aviation teams have been established so far, and domestic and international games are activated right now. Since drone soccer simulator is developed with computer 3D technology, the user can enjoy a lively drone soccer eSports game. Further, it supports the 5:5 game matches as same as the actual drone soccer game regulation. Currently, Timatech is commercializing various educational products that everyone can enjoy drone soccer game, and we hope to lead the global market with Korean eSports content in the upcoming Drone Soccer World Cup 2025 in Korea.



### Drone AI Platform(illegal Monitoring of Inland Waters)

The drone AI platform is an integrated platform for regular monitoring, reconnaissance, and warning using drones to monitor illegal fishing activities in water resource protection areas.

- Monitor illegal activities on the water surface with real-time image monitoring technology using drones
- Patrol and warning broadcasting function by automatic flight using drone control system
- Object recognition AI technology can be utilized to perform various tasks for various purposes
- Secure drone control system technology and customize mission equipment
- Completion of drone demonstration city project



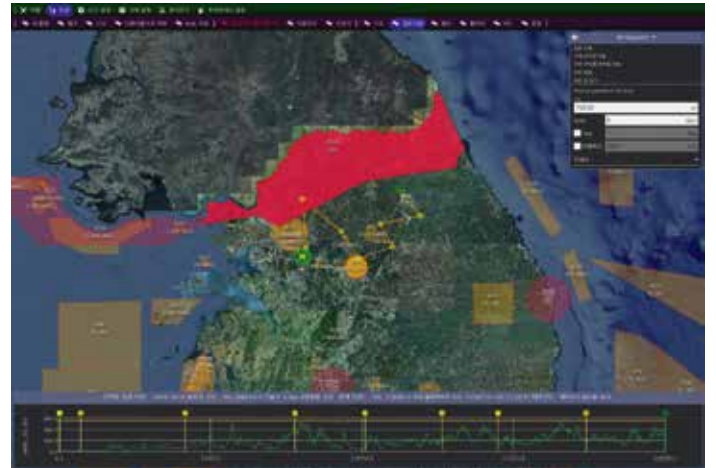
### Software Consulting Service Provider

- Qt/QML Software Consulting
- Development of logistics and distribution service platform
- Medical, Automotive, and Defense Development Consulting
- Consulting on Development of Drone Ground Control System



### Drone Ground Control System

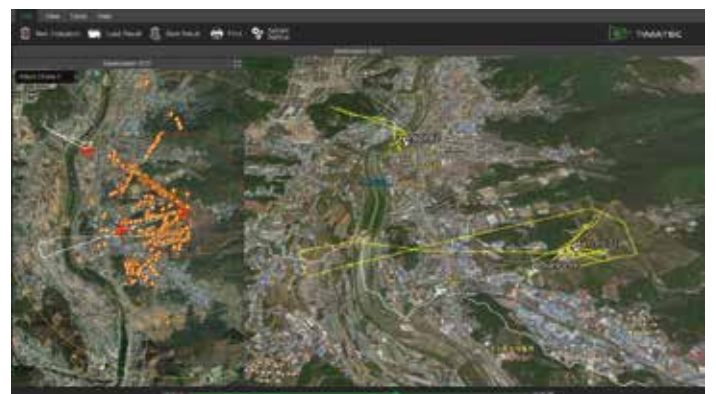
We are a Qt/QML specialized developer and are developing a drone ground control system suitable for various missions with particular strength in the field of QGroundControl which is an open source drone ground control system. In addition, it is possible to add and customize functions for various tasks of industrial drones, and research and development of drone ground control systems for UAM(Urban Air Mobility) is also being carried out.



### Anti-Drone Evaluation System

ADES is a system that derives evaluation results through standardized protocols and evaluation algorithms for performance testing of anti-drone equipment that detects and neutralizes drones invading national infrastructure for terrorist or illegal purposes. When evaluating equipment performance by the source of anti-drone equipment, it can be used to derive an objective performance evaluation for detection and response by integrating data from anti-drone equipment and penetrating drones.

- Providing Anti-drone detection and evaluation of various types of drone operation services
- Providing systematic test information through ADES and monitoring for efficient & evaluation platform
- Completed in ADES related-patent registration





## Specialized in Software Consulting & Drone Soccer eSports Contents



### [Drone Soccer eSports]

Drone soccer eSports contents will contribute to more activating the domestic drone industry, and we also hope that K-Drone and K-Contents will lead the global market. In addition, we thank all your interesting and supporting of our DroneSoccer simulator.

Drone soccer game can be applied to drone education centers / schools / academies / museums / military units / exhibition & promotion centers / amusement facilities / game centers / indoor sports fields / hotels / senior welfare centers / science experience centers, and ets.

### [Our sales & Business Partners]

FIDA (Federation of International Dronesoccer Association)  
 Korea Drone Soccer Association / CAMTIC  
 Korea Drone Soccer branch & branch manager  
 UBIN TECH  
 RCIN  
 ITIZ

Join the Timatec Global Partner to  
 expend your Drone Soccer business

### [Company Contact Info]

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# Drone Soccer eSports Contents

Drone Soccer Game System **5:5**



*New concept of Drone Soccer Sports*  
**“The Striker in the sky”**

Drone Soccer Game System  
 What is **TMDS-5050**?

It is a drone soccer game system where 10 drone soccer players can play 5:5 match. The matches can be played from 1:1 to 5:5 depending on the number of players, and 1 set of 3 minutes and 3 sets of matches are possible. This is a game system with drone soccer game rules applied. You can experience a realistic drone soccer game with an 85' screen for broadcast and a 50' screen for each player.

## Hardware Specification

- Game PC 13EA
- Processor : Intel i5 Processor
- GPU : GTX1660S or RX6500XT
- Memry : 8GB
- OS : Windows 11
- 50" Monitor 12EA
- 85" Monitor 2EA
- Jumper T18 10EA
- Speaker, Keyboard, Mouse

## Software Specification

- Drone Soccer simulator system
- 10 Player, 50" screen 10EA, PC 10EA
- Broadcast 85" screen 2EA, PC 2EA
- Player introduction : 50" screen 2EA PC 1EA
- PID Setting
- 5:5 game
- Drone Standard Stadium
- S/W : Server 1copy(local only), Client 10copy Broadcast 2copy

※ The above specifications are the lowest system specifications, some features may vary depending on customer requirements.



## Jeonju City's Drone Soccer Team's Trial Match

- Jeonju City's drone soccer team trains and plays by our drone soccer game
- Evaluation as an efficient system for drone soccer education or training of players
- Drone soccer game system suitable for zero contact era
- Contribute to the activation of international Drone Soccer World Cup
- 5:5 game matches supports as same as drone soccer game regulation

# Drone Soccer eSports Contents

Drone Soccer Game System **1:1**



New concept of Drone Soccer Sports  
**“The Striker in the sky”**

Drone Soccer Game System  
 What is **TMDS-1010** ?

1:1 realistic drone soccer game system through dual screen.  
 This is a dedicated simulation product for drone soccer matches. It is a system that enables 1:1 matches for drone soccer education. Provides a function that allows anyone to easily experience or educate drone soccer. If 5 units are connected to a network, 5:5 game is possible.

## Hardware Specification

- Processor : Intel i5 Processor
- GPU : GTX1660S or RX6500XT
- Memory : 8GB
- OS : Windows 11
- 32" Monitor 2EA
- Jumper T-Pro 2EA
- Speaker, Keyboard, Mouse

## Software Specification

- Drone Soccer simulator system  
 (Max) 10EA Drone Ball simulation
- Multi Drone controller configuration
- PID Setting
- Self practice mode
- 1:1 game
- Drone Standard Stadium
- S/W : Server 1copy(local only), Client 2copy

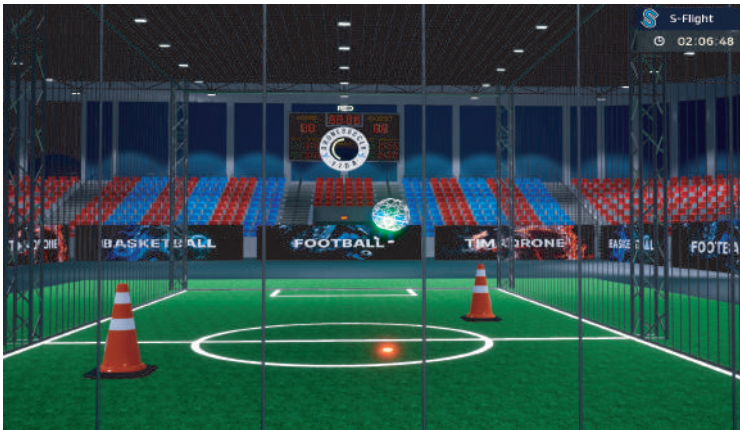
\* The above specifications are the lowest system specifications, some features may vary depending on customer requirements.





# Drone Soccer eSports Contents

Drone Soccer Training System **Personal**



New concept of Drone Soccer Sports  
**“The Striker in the sky”**

Drone Soccer Training System  
 What is **TMDS-P001**?

It is a personal simulation product for drone soccer training. We provide 13 training courses so that you can systematically train drone soccer from beginners to advanced players. The 13 training courses consist of drone soccer practice and drone soccer licensing courses, providing various training functions to grow from drone soccer players to drone soccer leaders and drone soccer referees.

## Hardware Requirement

- Processor : Intel i5 or AMD Ryzen5 Processor
- GPU : GTX1660S or RX6500XT
- Memory : 8GB
- OS : Windows 11
- RC Controller (Radiomaster TX12, Jumper T-Pro, etc)

## Software Specification

- Drone Soccer simulator system for the personal training
- Drone controller configuration
- PID Setting
- 6 practice courses
- 7 licensing courses
- 1:1 game
- Drone Standard Stadium
- S/W : TMDS-P001 Personal 365 1copy

※The above specifications are the lowest system specifications, some features may vary depending on customer requirements.

