

**TO:**  Teams  Manufacturers

**CATEGORY:**  Hypercar  LMGT3

**DECISION N°:** WEC\_2024\_D03\_Pitlane Video Monitoring

**DATE:** 28/11/2023 **FROM:** The WEC Committee

**SUBJECT:** Pit lane video monitoring specifications

## APPLICABLE REGULATION

**Article 6.3.4**  2024 FIA World Endurance Championship Sporting Regulations

## DECISION

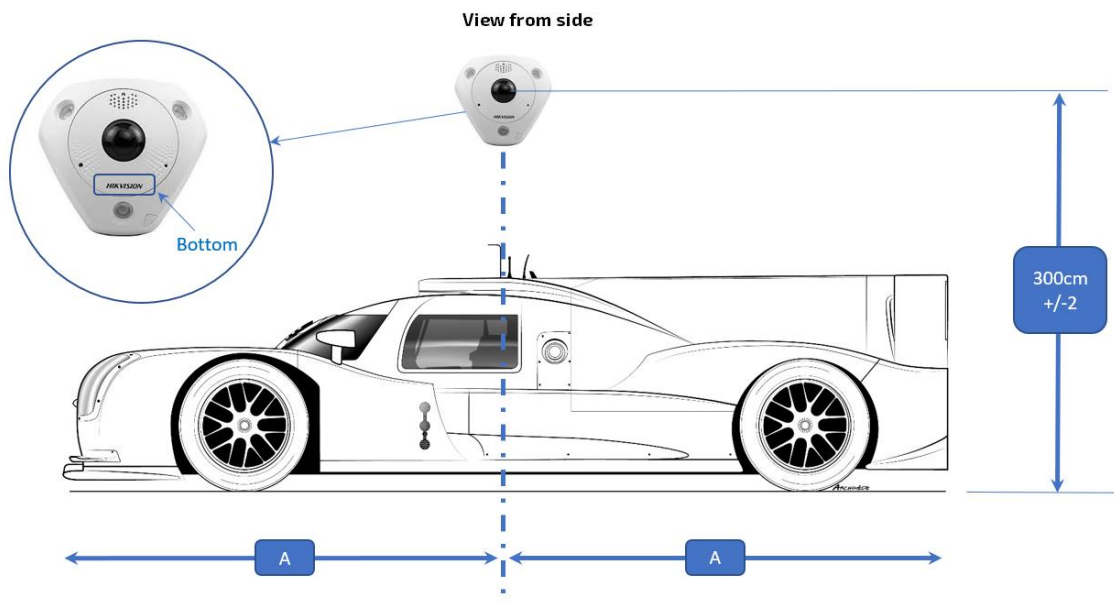
In accordance with the above-mentioned regulations, all teams will be asked to provide, install, and manage some video materials as well as specific tooling in order to fulfill the following specification.

### IP camera:

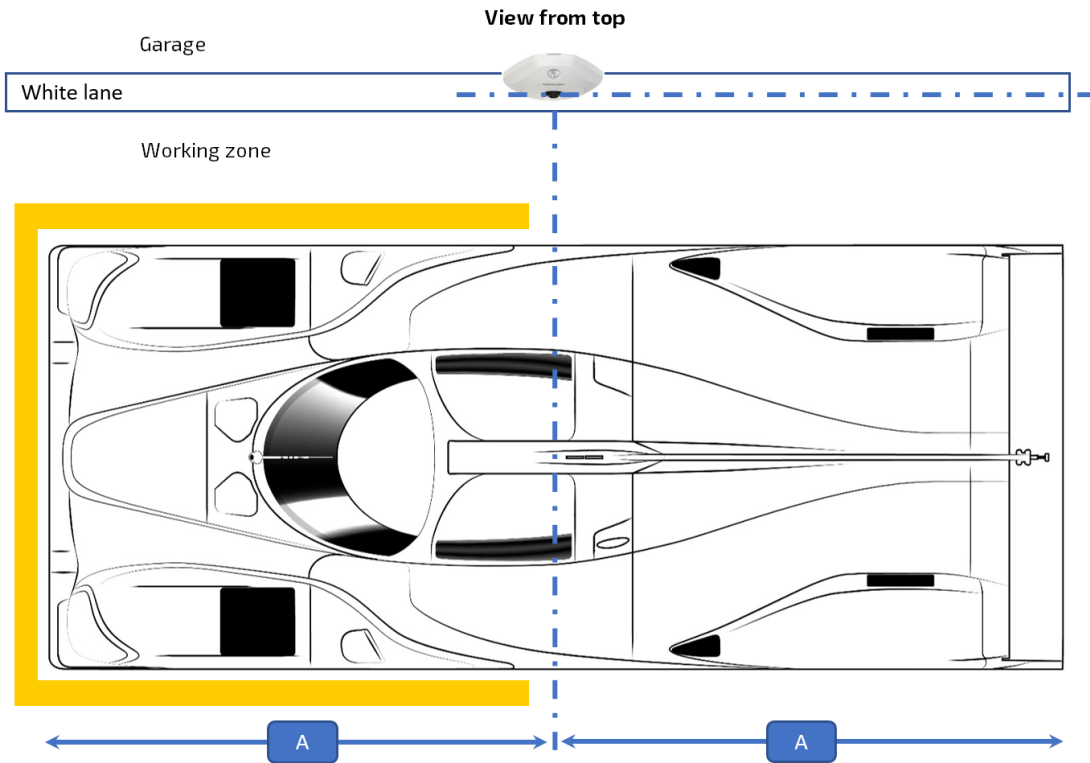
- Brand: **HIK VISION**
- Model: **DS-2CD6365G0E-IVS (1.27mm) (B) (O-STD) (SAP code: 311319073)**

According to the pit allocation and the associated working zone in the pitlane, a specific installation of the camera is requested:

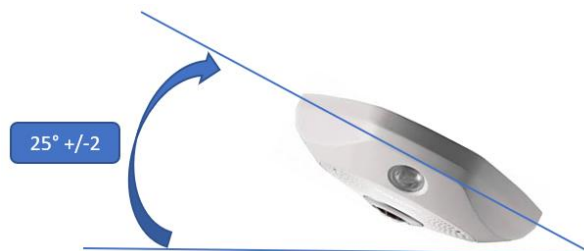
**View from side**, the lens of the camera must be placed, face to the car, in the axle of the middle of the car, respecting the bottom indicator:



**View from top**, the lens of the camera must be placed on top of the white line:



The camera must be oriented toward the car respecting an angle of  $25^\circ (+/-2^\circ)$  from a horizontal plan:



#### Camera setup:

- each camera must be properly and individually setup with a specific login and password:
  - An “administrator” account must be setup.
  - A password for this account must be created and communicated to the Technical Delegates
  - The Technical Delegates will then own the “administrator” account (by changing the password)
  - The Technical Delegates will then create a “viewer” account for each camera (credentials will be communicated to each camera owner)
- a specific IP address for each camera, switch and computer will be communicated (specifically to each Team) prior the first event by the Technical Delegates
- each camera must be firstly setup and **named** as follow: **“Car race number”\_“Team name”**

## Network configuration:

For this upcoming 2024 season there will be a change on the hardware used by the teams. The actual Mikrotik router will be replaced by a new model. The new hardware to be used is the **Mikrotik CCR2004-16G-2S+** with the **SPECIFIC 2024 Season configuration**:



This change will be effective from 2024 Qatar Prologue and the old model won't be used anymore. Also, the Wireless solution used on the past (Sebring or Spa) won't be used for 2024 Season. This change is to have a more robust solution and to be able to work with optic fiber connections on every event of the season (Main + Backup).

During QATAR 2024 event, the Network Installation Document will be shared as usual with the new updates on it.

## You can purchase the new router model on the AKS WEC Store:

<http://fiawec-store.alkamelsystems.com>

Please follow up the following procedure

1. " Sign up " for the new competitors.
2. Fill in the compulsory fields.
3. Send the form using the TOKEN: [AKS2023WEC](#)
4. You will receive the User and Password within 1 day.
5. Then you will be able to Login.

For any kind of related problem, issue, or question: [store@alkamelsystems.com](mailto:store@alkamelsystems.com)

**All ordered equipment will be configured for the 2024 setup at ALKAMEL's facility and delivered in Qatar on your arrival at the event.**

## Spare parts:

Teams are invited to own some spare parts.

## PERIOD OF VALIDITY/APPLICATION OF THE DECISION

This decision comes into effect:

- with immediate application**
- from:

And is applicable:

- until further notice**
- for the mentioned event(s) only