

**TO:**  Teams  Manufacturers  
**CATEGORY:**  Hypercar  LMP2  LMGTE Am

**DECISION N°:** WEC\_2023\_D0001\_Hypercar\_Pitlane video\_Specifications\_Amended

**DATE:** 20/01/2023 **FROM:** The WEC Committee

**SUBJECT:** Pit lane video cameras specifications

## APPLICABLE REGULATION

**Article 6.4.6**  2023 FIA World Endurance Championship Sporting Regulations

## DECISION

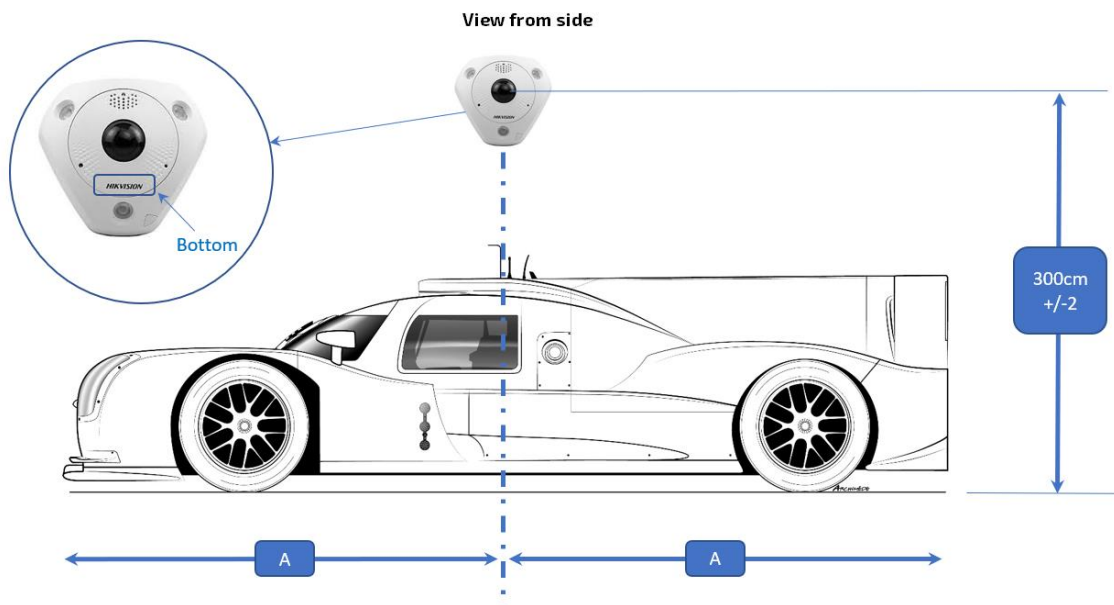
In accordance with the above-mentioned regulations, all teams will be asked to provide, install, and manage some video materials as well as specific tooling in order to fulfill the following specification.

### 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:

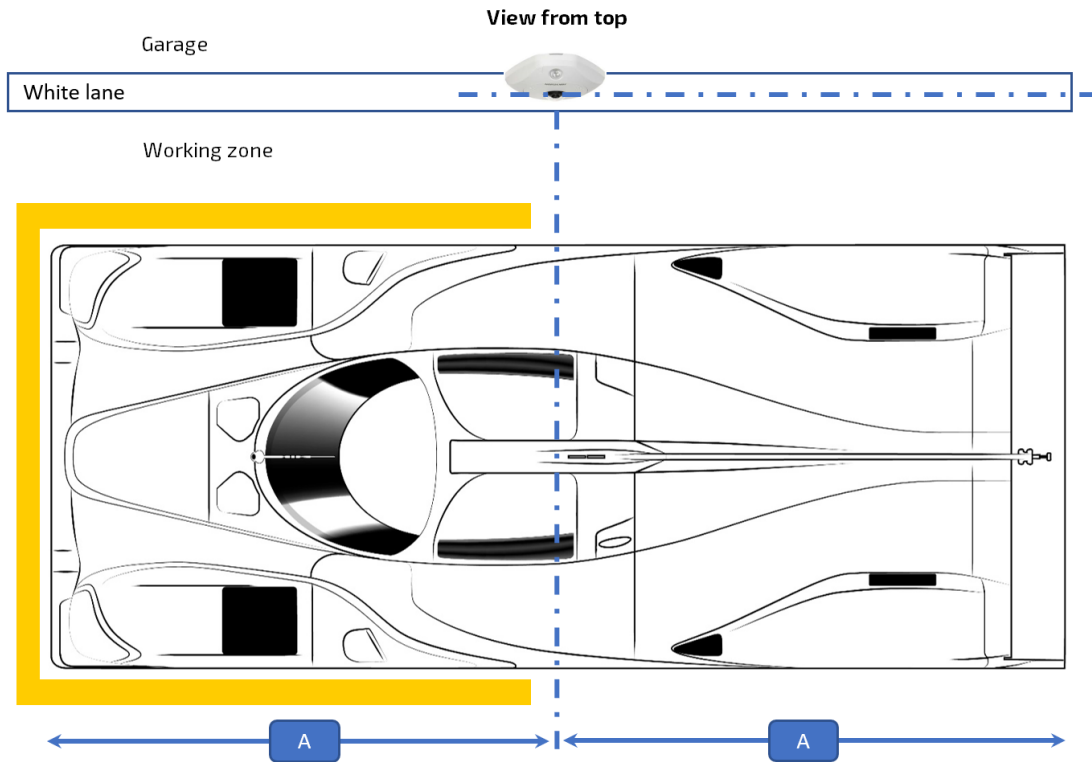
**View from side**, the lens of the camera must be placed, face to the car, in the axle of the middle of the car, respecting the bottom indicator:



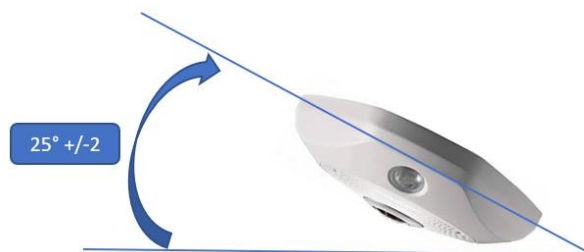
Any decision taken by the WEC Committee is not subject to appeal.

<http://fiawec.alkamelsystems.com/committe.php>

**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:





### **Network configuration:**

In order to make the cameras feed going to the scrutineering, each team must provide for each camera:

- 1 switch:  
**MikroTik CSS610-8P-2S+in**
- 1 SFP module MikroTik compatible:  
**CONBIC® S-31DLC20D-C – 1000Base-LX DDM SFP, 10km - 100%MikroTik Compatible**
- 1 OS2 SC/APC to LC/UPC optic fiber garber (minimum 5 meters length):  
**Elfcam® - Câble à Fibre Optique (Jarretière Optique) OS2 Monomode Duplex SC/APC à LC/UPC**
- 2 SC/APC adapter (female/female):  
**Cerrxian SC Adaptateur Fibre Optique monomode SC Femelle vers SC Femelle APC**

Teams are invited to own some spare parts.

### **Materials configuration:**

- Switch **MikroTik**:
  - o the switch must be setup as UNMANAGEABLE.
- Camera:
  - o each camera must be properly and individually setup with a specific login and password:
    - An “administrator” account must be setup, named “**WECTECHNICAL**”
    - 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)
  - o **a specific IP address for each camera will be communicated prior the first event by the Technical Delegates**

### **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