TO:	☒ Teams	☒ Manufacturers
CATEGORY:	☒ Hypercar ☐ LMP2	☐ LMGTE Am

DECISION N°: **WEC_2023_D0001_Hypercar_Pitlane video_Specifications_Amended**

DATE: 08/02/2023 **FROM:** The WEC Committee

SUBJECT: Pit lane video cameras specifications

APPLICABLE REGULATION

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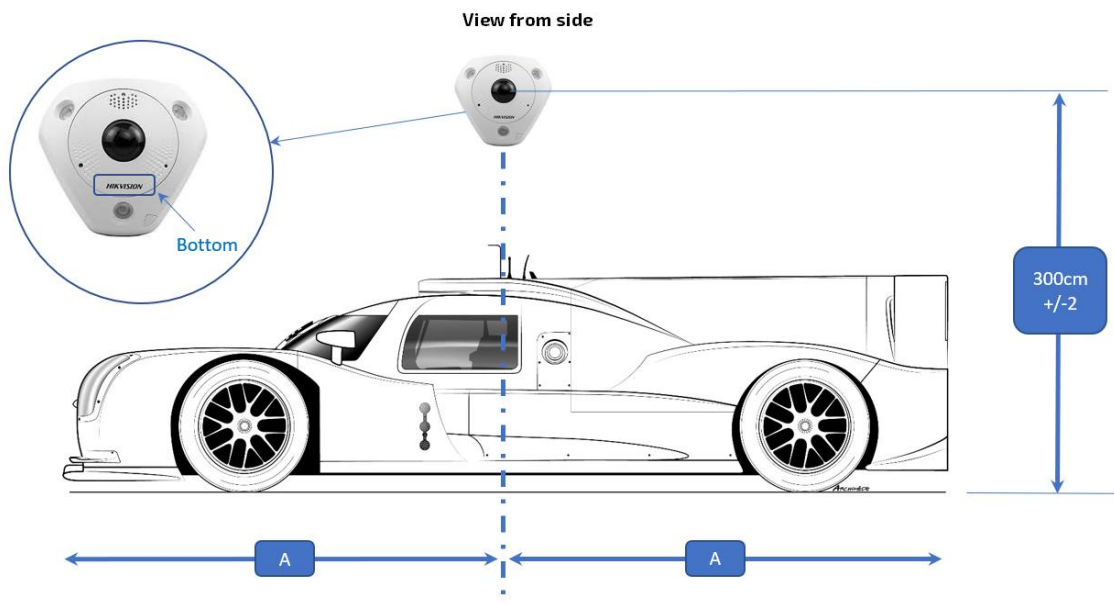
DECISION

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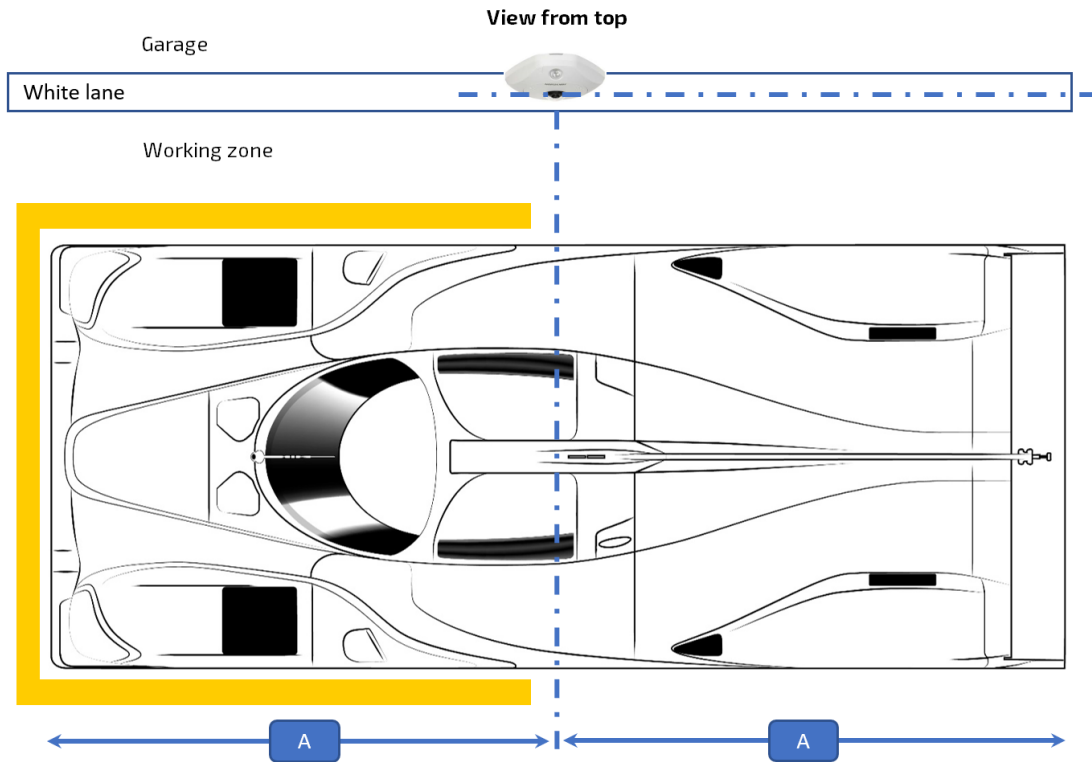
IP camera:
- ○ Brand: **HIK VISION**
- ○ Model: **DS-2CD6365G0E-IVS (1.27mm) (B))(O-STD) (SAP code: 311319073)**

According to the pit allocation and the associated working zone in the pitlane, a specific installation of the camera is requested:
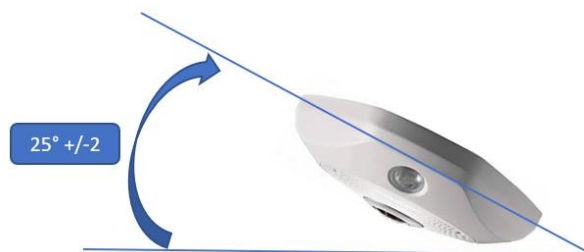
View from side, the lens of the camera must be placed, face to the car, in the axle of the middle of the car, respecting the bottom indicator:

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:

View from top

Garage

White lane

Working zone

A   A

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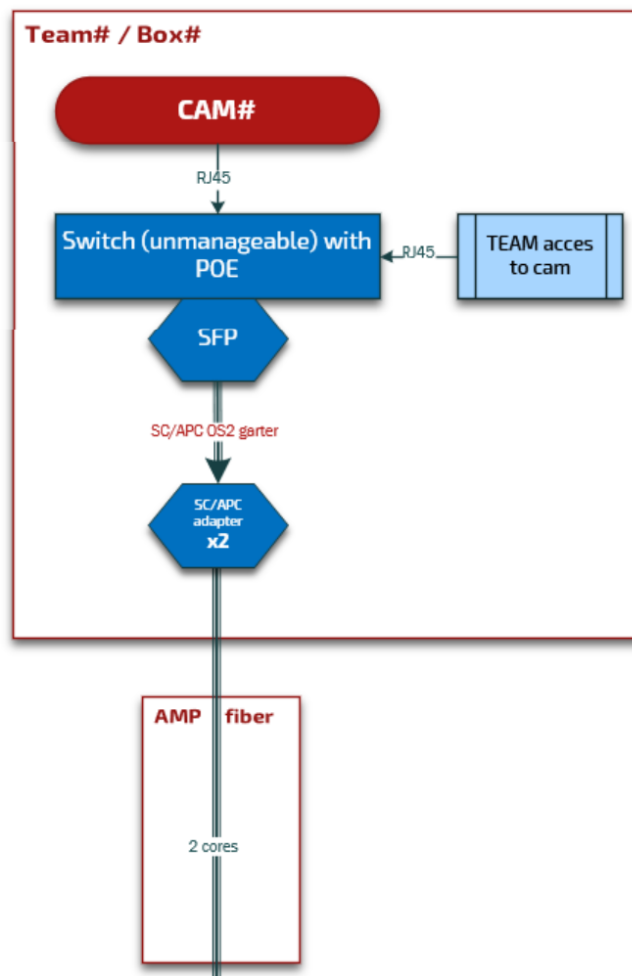
25° +/-2

Network configuration:

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

- **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.

The following configuration for connection is requested:

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, switch and computer will be communicated (specifically to each Team) prior the first event by the Technical Delegates
    - o each camera must be firstly setup and **named** as follow: "**Car race number**"_"**Team name**"

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