

TO: Teams Manufacturers
CATEGORY: Hypercar LMP2 LMGTE Am

DECISION N°: WEC_2023_D0001_Hypercar_Pitlane video_Specifications_Amended

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

SUBJECT: Pit lane video cameras specifications

APPLICABLE REGULATION

Article 6.4.6 2023 FIA World Endurance Championship Sporting Regulations

DECISION

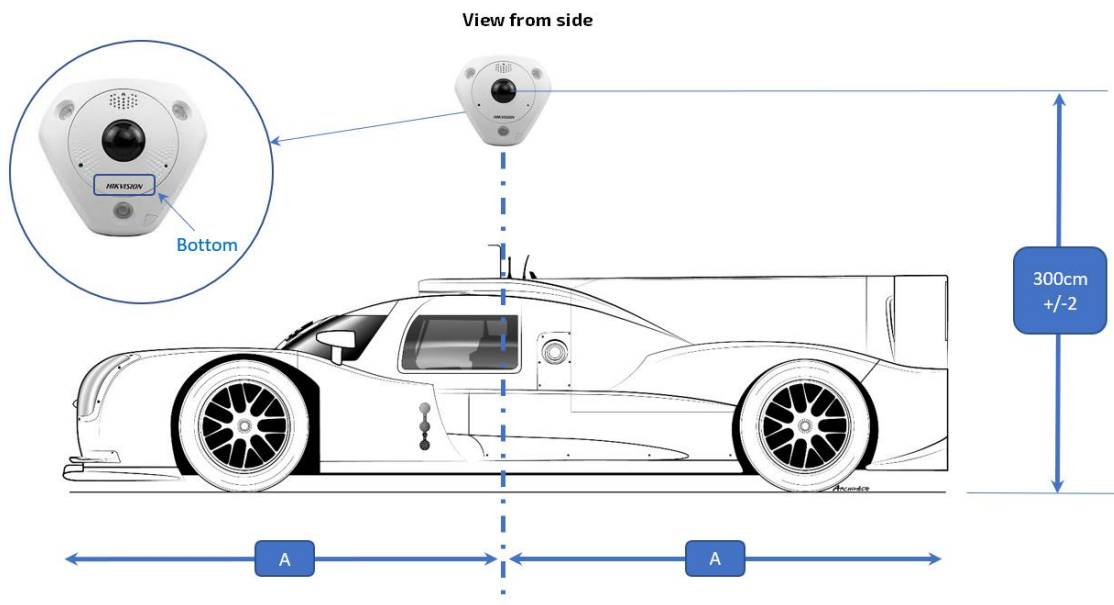
In accordance with the above-mentioned regulations, all teams will be asked to provide, install, and manage some video materials as well as specific tooling in order to fulfill the following specification.

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:

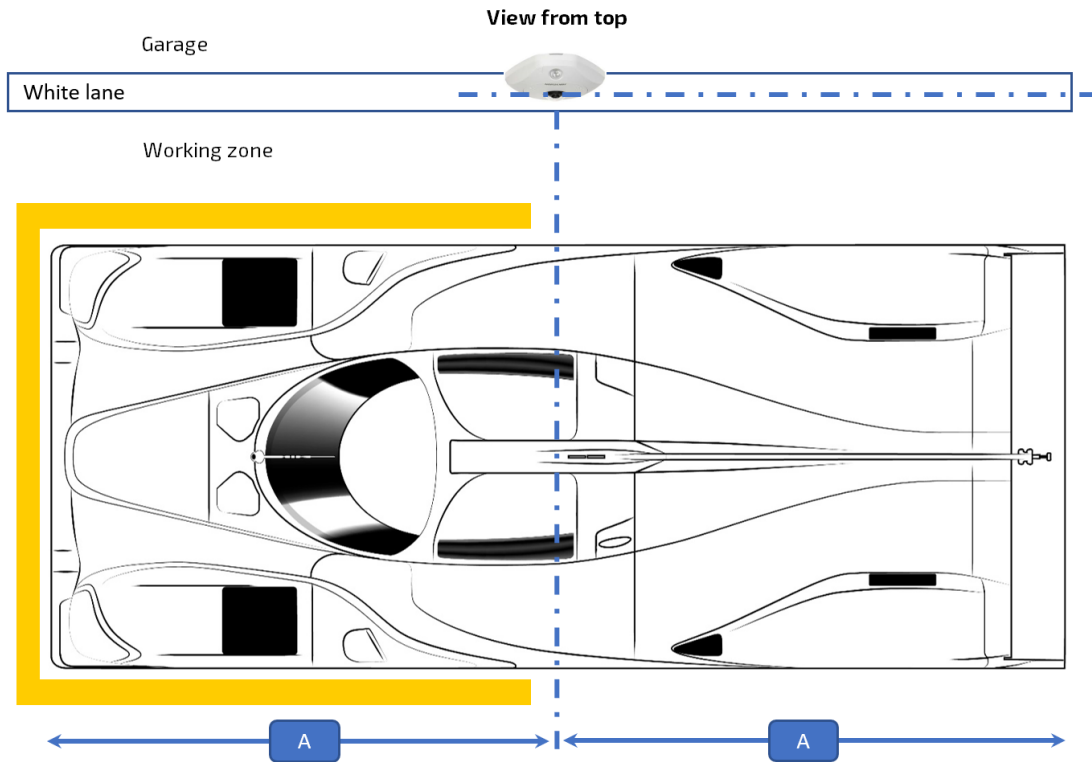
View from side, the lens of the camera must be placed, face to the car, in the axle of the middle of the car, respecting the bottom indicator:



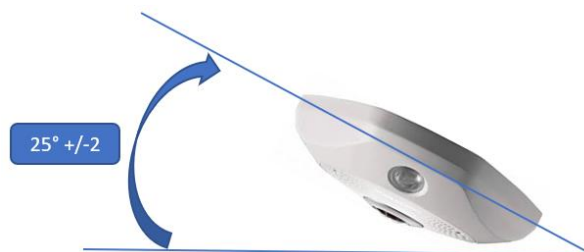
Any decision taken by the WEC Committee is not subject to appeal.

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

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



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



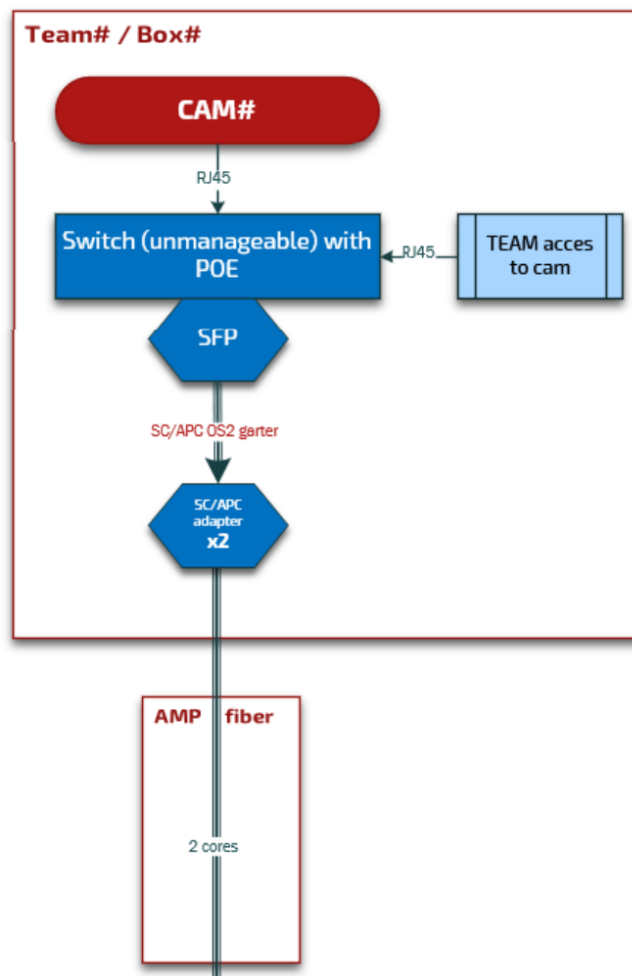
Network configuration:

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 (Jarretièrre 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