Installation & Configuration of ITC314

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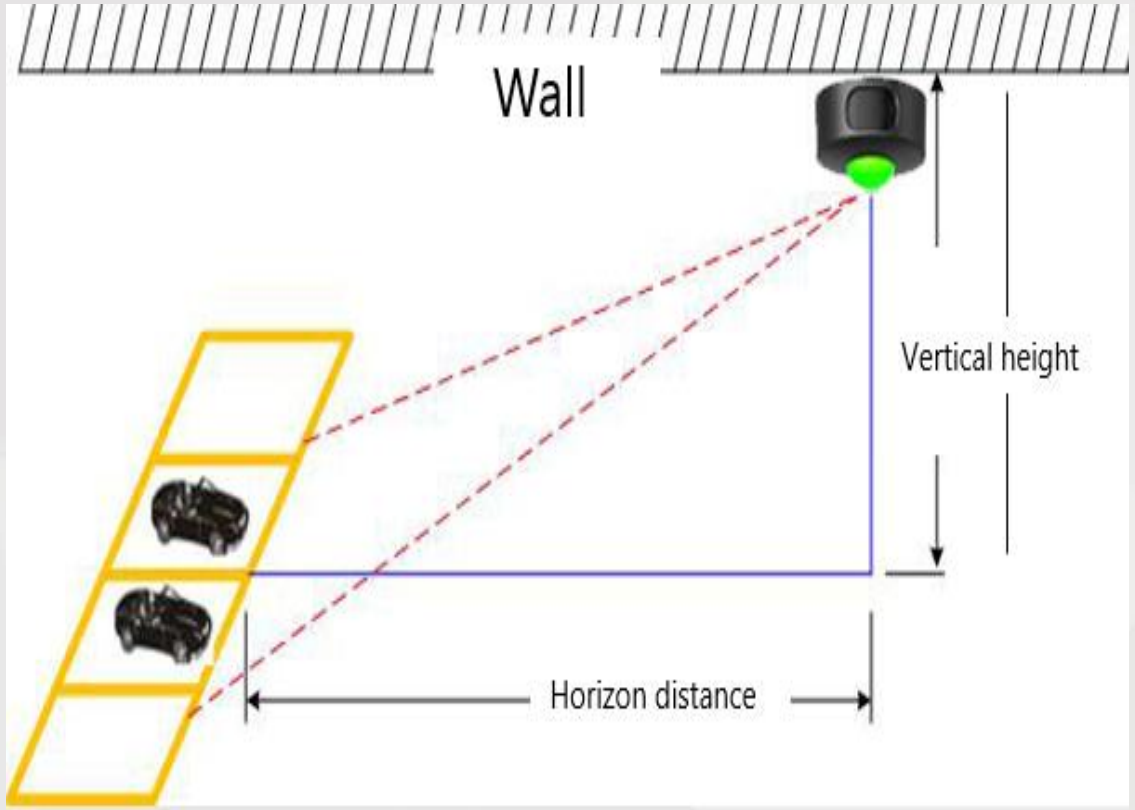
Model Recommendation

Model Recommendation

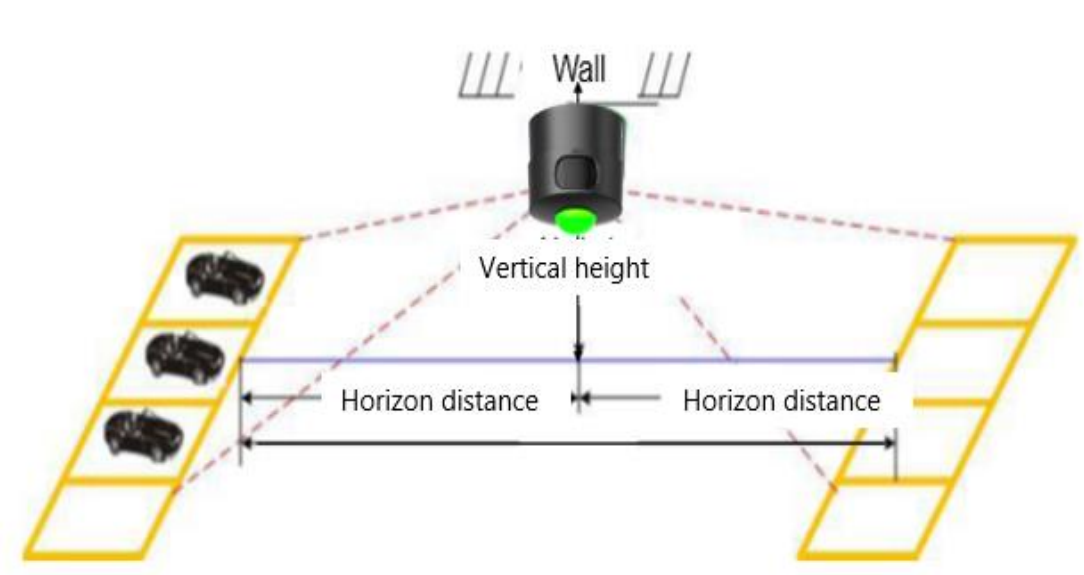
Category	Type	Name	Appearance
Space Detection Camera	3rd Generation 2MP Detection Camera	ITC214-PH2A-F3	
		ITC214-PH2A-F6	
	3rd Generation 3MP Detection Camera	ITC314-PH2A-F2	
		ITC314-PH2A-F3	
	3rd Generation 3MP Duel-lens Detection Camera	ITC314-PH2A-TF2	
		ITC314-PH2A-TF3	

Model Recommendation (2MP)



Model	Resolution	Lens	Installation		
			Horizon Distance	Vertical Height	Monitor Range
ITC214-PH2A-F6 **ITC214-PH2A-F3**	1920×1080	6mm	6~6.8m	2.3~2.6m	Cover 2 parking space width is 5m
		3.6mm	3.0~4.7m	2.3~2.6m	Cover 2 parking space width is 5m

Model Recommendation (3MP)



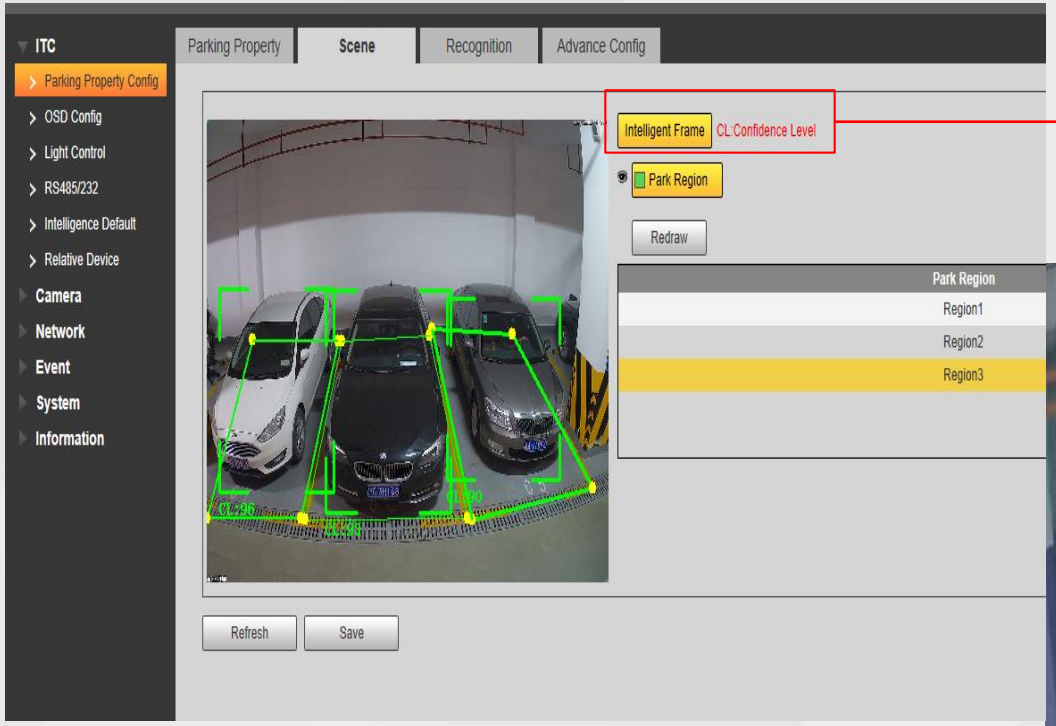
Model	Resolution	Lens	Installation and Monitoring Range		
			Horizon Distance	Vertical Height	Monitor Range
Dual lens ITC314-PH2A-TF3 ITC314-PH2A-TF2 with 6 parking space at 2 sides,3 parking spaces at each side	2048×1536	3.6mm	3.6~5.2m	2.5~2.6m	Each side can cover 3 parking space width is 7.5m
		2.8mm	2.5~3.5m	2.5~2.6m	Each side cover 3 parking space width is 7.5m
Single lens ITC314-PH2A-F3 ITC314-PH2A-F2	2048×1536	3.6mm	3.6~5.2m	2.5~2.6m	Cover 3 parking space width is 7.5m
		2.8mm	2.5~3.5m	2.5~2.6m	Cover 3 parking space width is 7.5m

Camera View Adjustment

Camera View Adjustment

3 parking lots are In the middle of whole view

Camera View Adjustment—Intelligent Frame



You can click intelligent frame to see the confidence level of each vehicle parked on the parking spaces.

Meanwhile， the confidence level and the license plate will be displayed on the preview

Event Configuration

Event Configuration

01

Set parking property

02

Define recognition rule

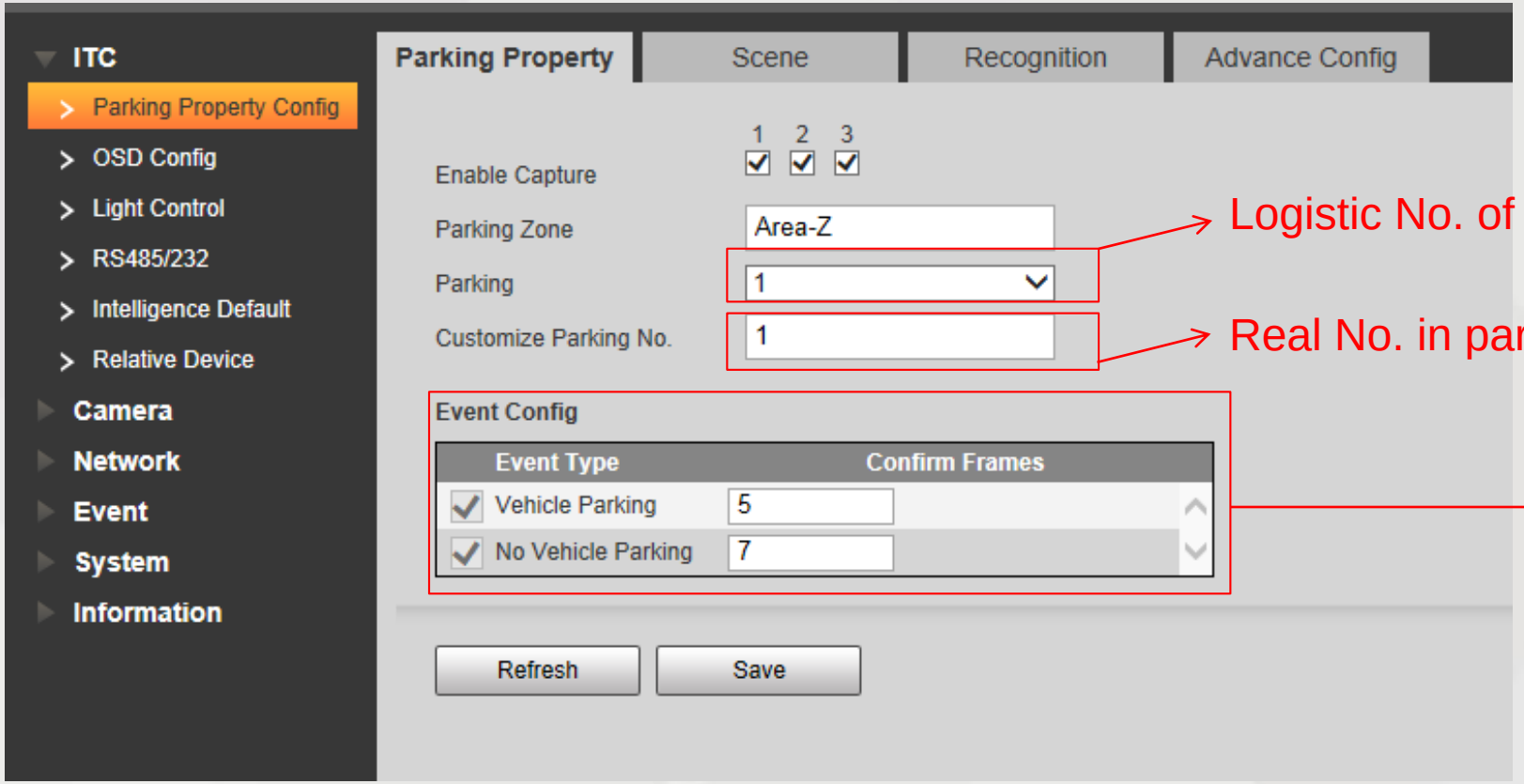
03

Configure image parameter

04

Choose light model

Set Parking Property



Logistic No. of camera

Real No. in parking lots

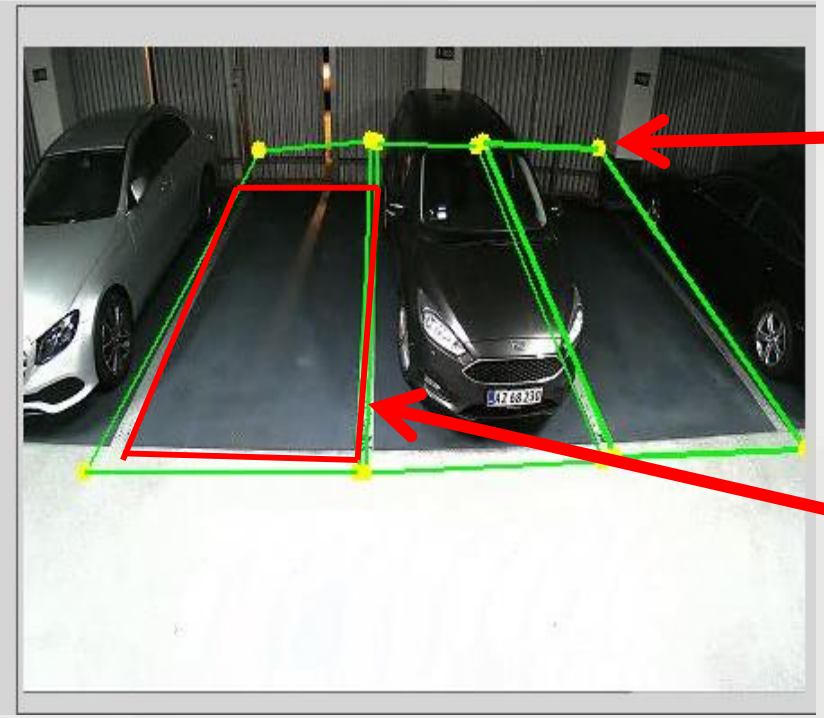
The confirm frame is used to confirm the parking status of each parking space. For example, the confirm frame is 5 for vehicle parking, the parking status will only be changed to vehicle parking when the detection results are vehicle parking for continues 5 frames.

Normally， we suggest the user don't change these two values and just leave them as default values.

Define Recognition Rule

➢Follow the Path: ITC ➔ Parking Property ➔ Scene

Draw the **Detection Area** along the edge of real lot

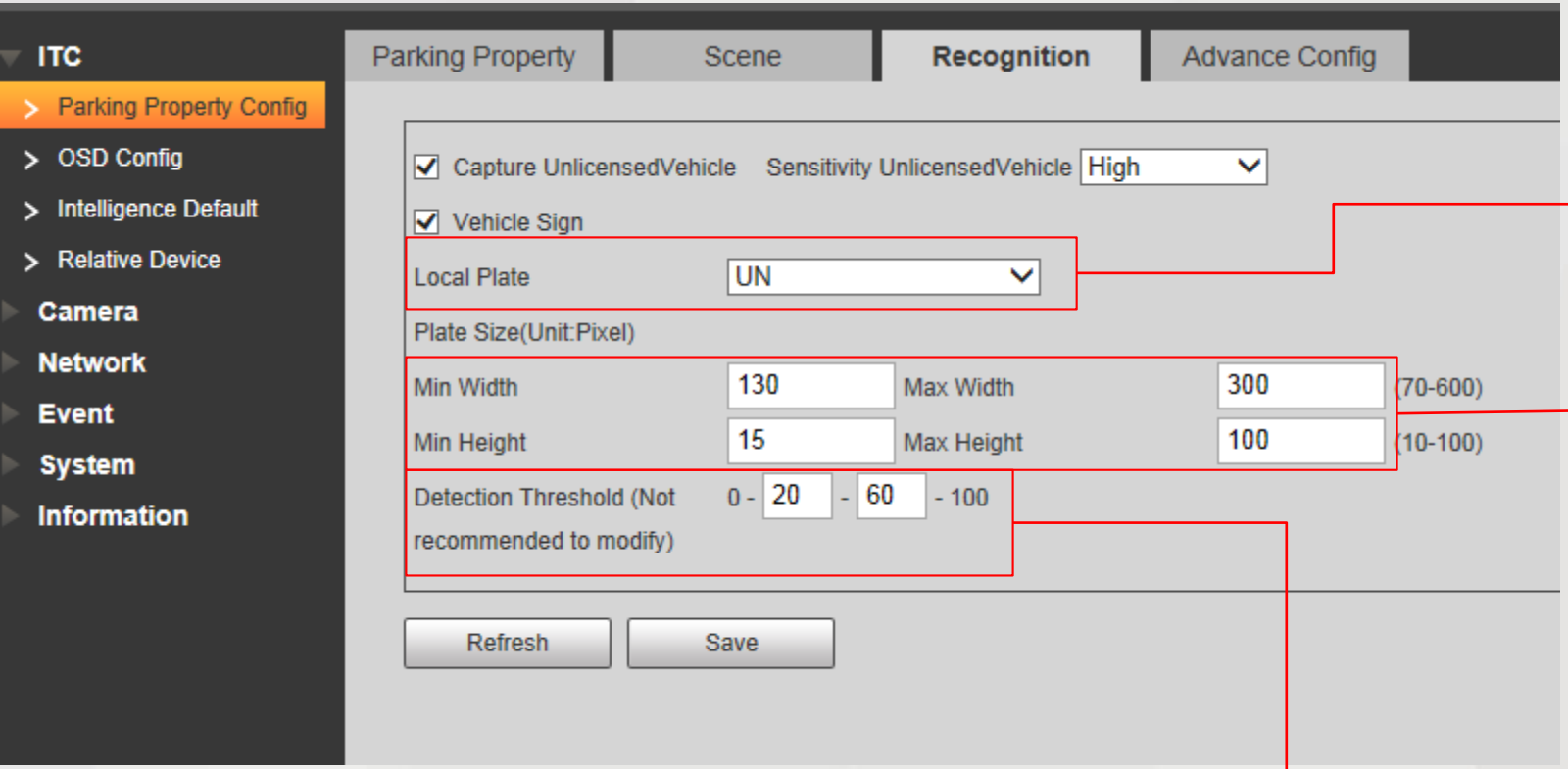


Green square: Wrong detection area, because not suitable for the real space line

RED square: Right detection area, suitable for the real space line

Define Recognition Rule

➢Follow the Path: ITC ➔ Parking Property ➔ Recognition



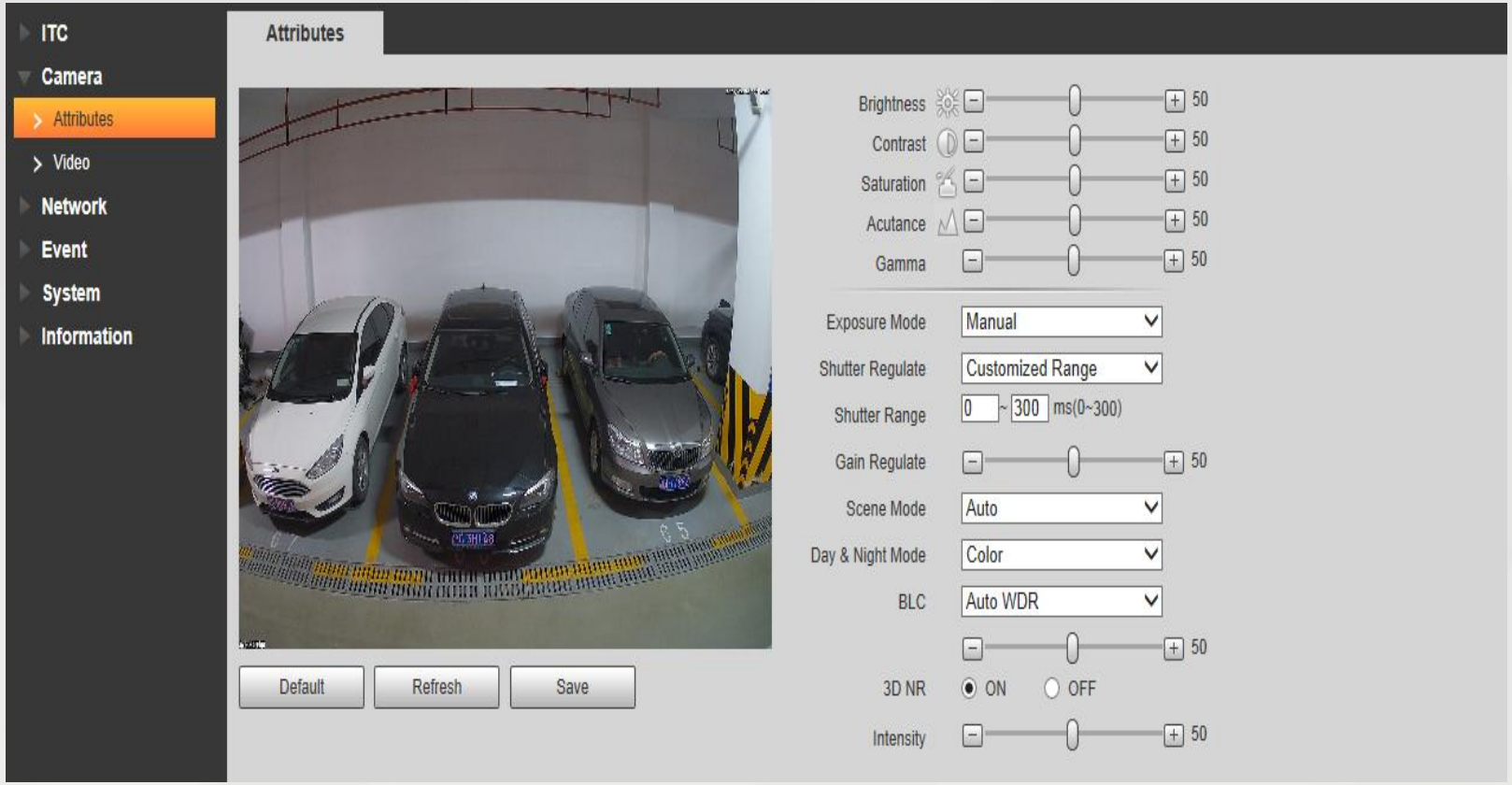
Choose local plate type according to your needs:
EU: only recognize EU's Plates
UN: recognize both EU and Russian plates

Use the default value, no modification is recommended

Vehicle shape Confidence Level: 0-A-B-100
Determine Parking status
0-A:
No vehicle parking(even detect license plate)
A-B:
Detect License Plate=Vehicle Parking
Doesn't detect license Plate=No vehicle Parking
B-100:
Vehicle Parking(even no license plate)

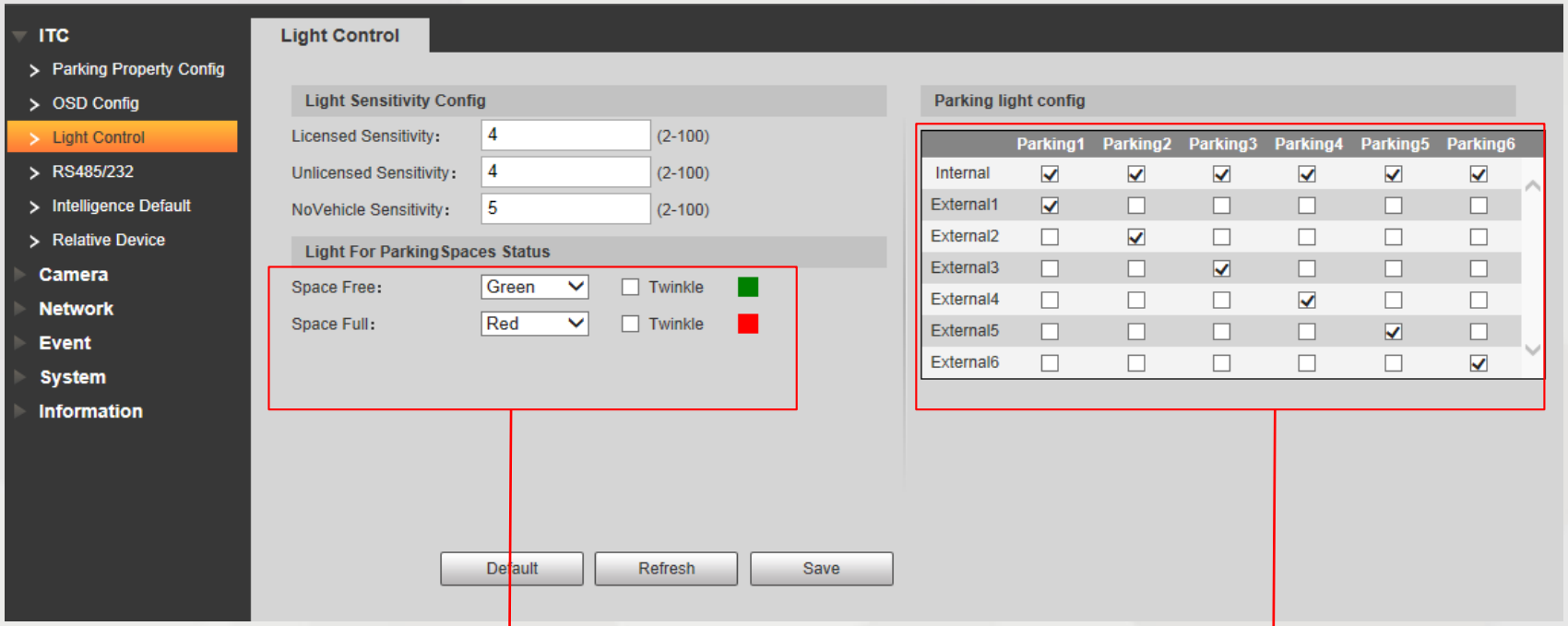
Configure Image Parameter

➢Follow the Path: Camera ➔ Attributes



Normally, there is no need to change any image parameter on PH2A series devices.

Change Light Model

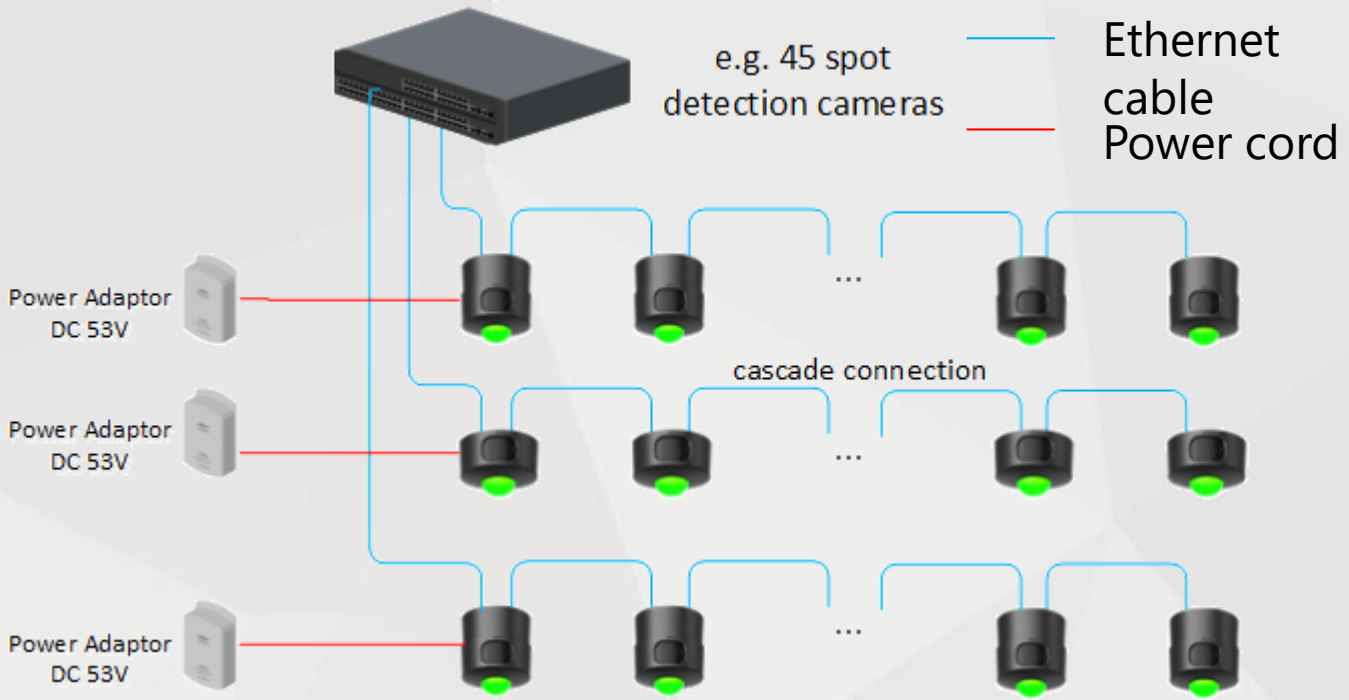


Choose lights for different status

Control external lights

Installation

Installation| Innovative Way (Recommend)

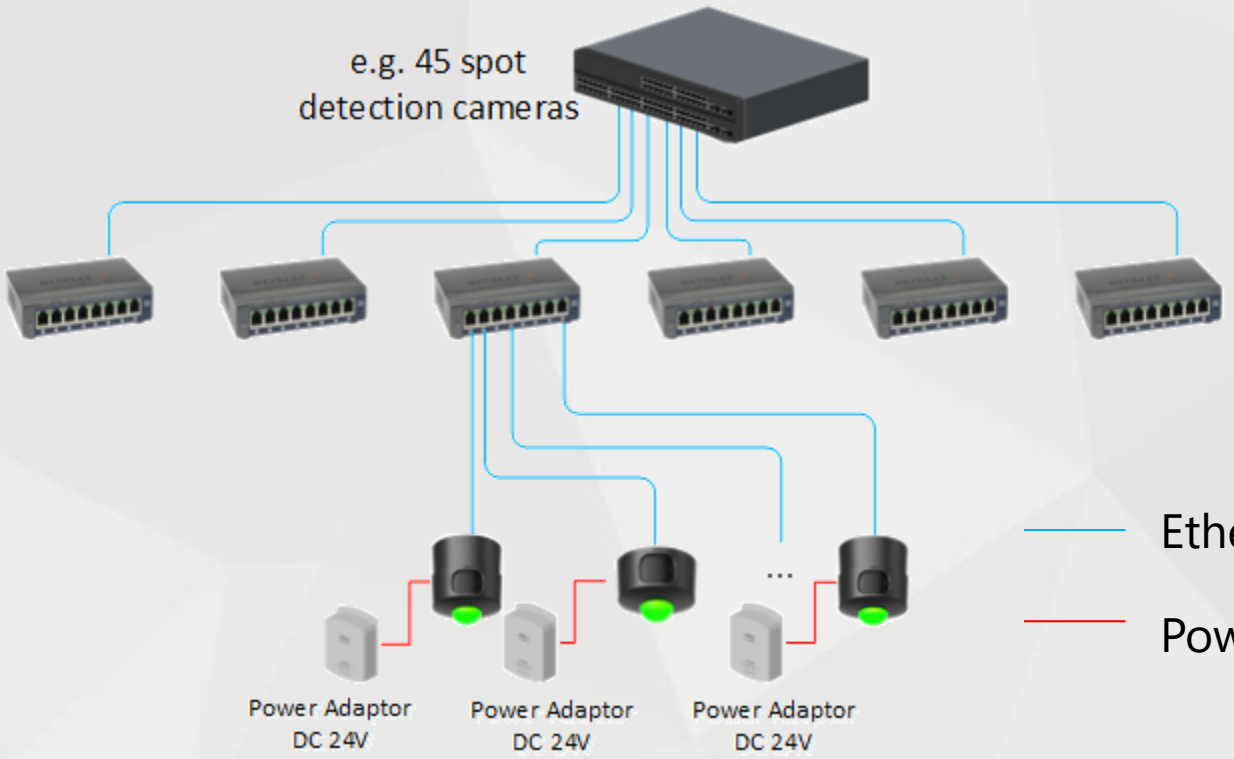


The innovative way is also named as Power via Ethernet (PvE).

Wide voltage design： DC 12~53V.

- A power adapter is required at the first device of the line, and the other devices can be powered via Ethernet cable.
- For PvE power supply, one DC 53V is recommended for each line.
- Up to 10 single-lens cameras or 6 dual-lens cameras on a line (100m at most).

Installation| Traditional Way



You can also use the traditional way to power up the devices.

Wide voltage design： DC 12~53V.

- Power supply>power of cameras *1.3 (single lens 6W, dual lens 11W)
- For centralized power supply, DC 24V, 5A is recommended.
- Up to 10 single-lens cameras or 6 dual-lens cameras on a line (100m at most).

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