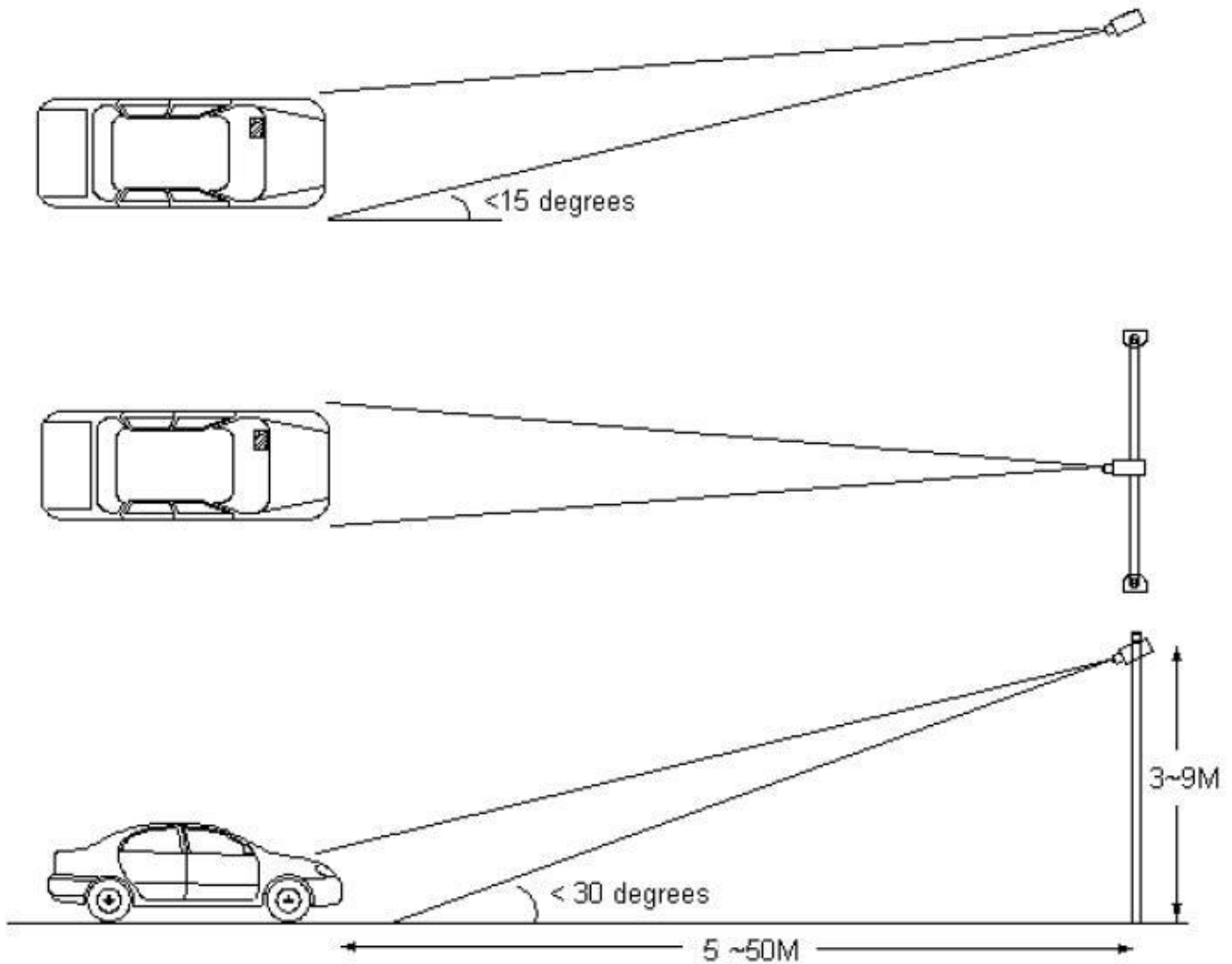


## Suggestions for successful ANPR

### Installation:



1. Capture from upper front (recommend): camera should be setup as capture from upper front of the car (easier to control car plates in similar size).
2. Side capture: **adjust camera to capture "front part of the car only"**, so you better **set camera in a higher position** (a little higher already ok), make small up-down angle. **Avoid** camera height = car plate height, the image will contain unnecessary complicated contents then.
3. Trigger capture by motion detection or I/O mode?

**\*\*Choose motion detection:** when there is not frequent false motions (animal or people) in recognition area, or when false capture is not an issue for your client.

**Benefit of motion trigger:** ensure car plate available in the image.

**\*\*Choose Input trigger (loop, IR-sensor):** to avoid false motion trigger. We recommend I/O mode for customers who already familiar with ANPR installation, otherwise improper Input device installation may cause wrong trigger timing, and cause mis-capture of car plates.

Benefit of I/O trigger: lower CPU consumption.

**Good captures: car width= image width (character height 32pixel)**

Good samples from [Parking](#), [upper capture](#): Australia

















































Thumbnail:





Good samples from [Road, side capture](#): Austria and Brazil

**Austria thumbnail:**

							
G28CFD-11199	G28CFD-21144	G28GCE	G29KKB	G29YMB	G30DHC	G30EHA	G30EHA-12450
							
G30EHA-24505	G30EHA-29128	G30GCE	G31DRE	G31DRE-26279	G31DWA	G31GSB	G31HIE
							
G31RNB	G31WJB	G32PIE	G32PIE-19530	G32RTE	G32RVB	G32XTA	G32XTA-11949
							
G33AUE	G33CSC	G33MUE	G33SVC	G34RBC	G36LCB	G36LCB-6183	G36LCB-6358
							
G36UGE	G36UGE-5973	G36UGE-29870	G36UGE-29981	G37CMD	G37WOB	G38DMA	G38GSE
							
G39BTA	G40MDA	G40RDE	G41CND-12979	G41PGD	G41VNE	G42EYD	G42HJD









**Brazil thumbnail** (half D1 from previous resolution format)





**Example of bad capture** (car size too small in the image)=> bad recognition results





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**Charater height** should around 32 pixel, too small or too big characters will cause higher mis-recognition rate. Use Paint software to check character height.

