

**nu**®  
Simply Better

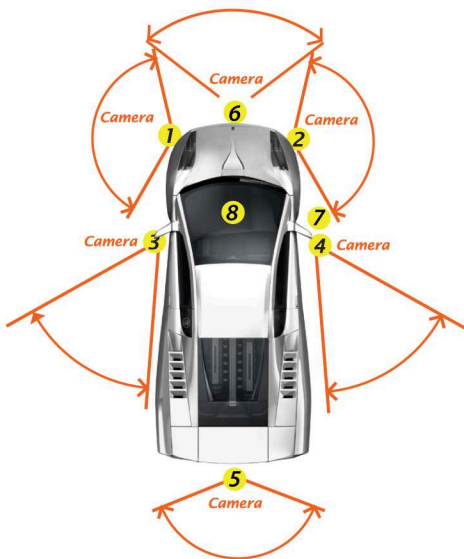
**UniSee**™  
800 Series



**Customize All Your Need !**

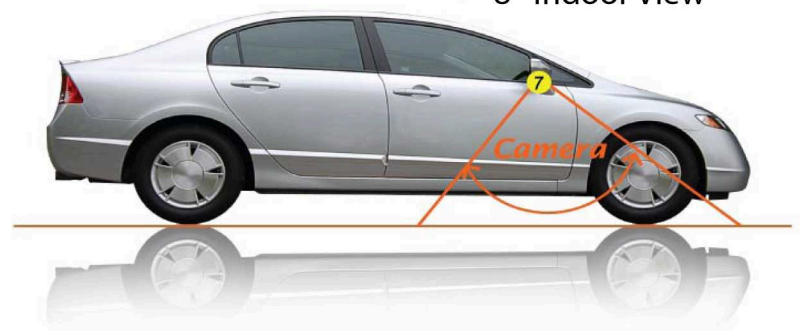
- Support up to 8 channel camera input
- Customization control logic design
- Customization harness design

**The world first 8 channel vehicle camera system**



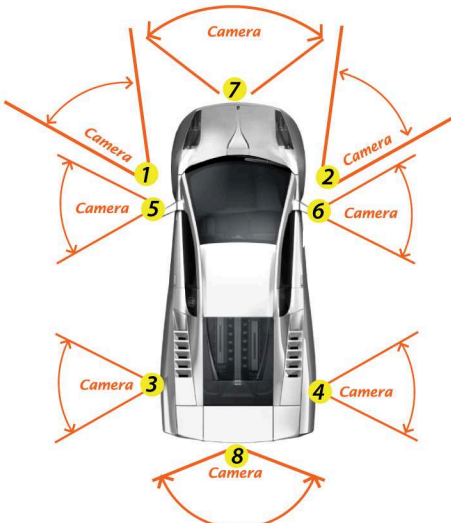
UniSee 800  
Possible Install Type 1

- Camera functions:
- 1,2 Front side View
  - 3,4 Side View
  - 5 Backup View
  - 6 Front View
  - 7 Side Parking Assist
  - 8 Indoor View



UniSee 800  
Possible Install Type 2

- Camera functions:
- 1,2 Front View
  - 3,4 Backup Side View
  - 5,6 Side View
  - 7 Front View
  - 8 Backup View



UniSee™



## Completed International Japan, Europe Vehicle Spec Design!!

Item	NU UniSee Series	Other Brand Name Products
Temperature	Spec: -40°C ~ +85°C	Normal Spec: -10°C ~ +50°C
Lens Brand	Canon or Panasonic	Unkown
CMOS Sensor	Omnivision or micron	Other company, Normal Spec.
Waterproof	IP68, the highest level	IP65 or lower
Defogged of Lens	Glass macromolecule coating can remove the water drop and mist easily and speedily, keep the clear image all the time.	None. Lens easy covers the mist
UV Protection of Lens	Special UV coating on the lens to avoid split or crack	None Easy to split or crack after long time UV ray irradiated, and caused the bad images
Power input	Common usage for 12 & 24V	Only for 12V. Common usage for 12&24V will add up the cost
Power Consumption	< 30 ~ 40mA	> 60 ~ 100mA
Min.Um Illumination	< 1lux	> 2Lux
Contrast Under the Blaze	Good. Clear display the image under blaze or low luminous areas.	Weak. Strong contrast under blaze and low luminous areas, hard to differentiate the image.
Protection of Reverse Current	Yes	Only few ones with it
Protection of Reverse Power & Video input	Yes	Only few ones with it
Backup Parking Guide Line	Yes	Only few ones with it
Cable for Image	High spec for image cable, provide high quality image	Not really care the cable spec or image
Warranty	2 year	1 year
Factory	Factory passed TS16949	Not sure passed the TS16949

## Camera General Specifications:

Focal Length	1.41 mm
Lens Iris	F2.4
Angle of View	1300 (H) (Rear camera)/ 600 (H) (Front camera) x 1000 (V) x 1600 (D)
Power Input Voltage	DC6~24V
System	NTSC
Technology	1/4" or 1/3" CMOS
Total Pixels	640 x 480
Horizontal & Vertical Sync. Frequency	60 Fields/Sec @27Hz
Resolution	380 TV Line
Min. Um Illumination	1 Lux
S/N Ratio	48db @ 600 C
Gain Control	Auto
White Balance	Auto
Back Light Compenation	Auto
Video State	Mirror/Normal
Aperture Correction	Horizontal/Normal
Power Consumption	< 40mA
Auto Electronic Shutter	1/60s - 12
Storage Temperature	-40°C ~ +85°C (rear), +105°C (front)
Operating Temperature	-40°C ~ +85°C (rear), +105°C (front)
Fluid Ingress Standard	IP 68 Standard
Standard Packaged Mass	~25g