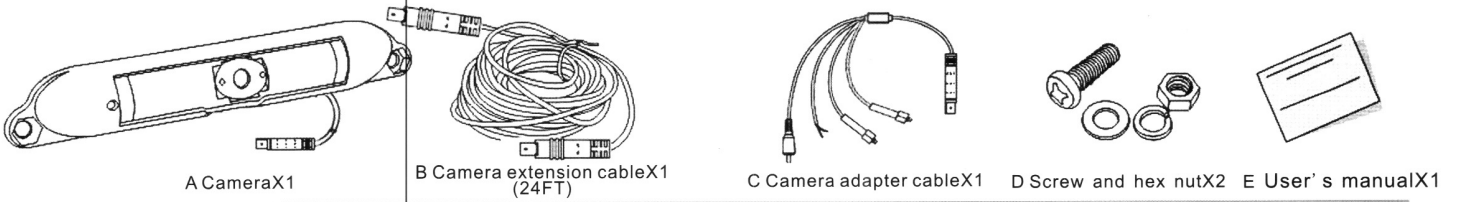


## 1. Parts list



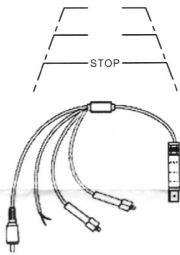
## 2. Function introduction

### Key features

- \*High sensitive 1/4" DSP Color HD CCD
- \*600 TVL Horizontal resolution
- \*Remarkable low Lux performance of 0.3 Lux at F2.0
- \*Excellent Auto White Balance
- \*Waterproof(IP67)
- \*Reverse/Non-Reverse image switching feature
- \*Distance Gridline on/off selectable Switch

### Specification

Model	VTL400HD /420HD
Imager	1/4 DSP HD Color CCD
Effective pixels	640(H)x480(V)
Horizontal resolution	600 TV Lines
Total number of pixels	480K
Min. Illumination	0.3 Lux at F2.0
Synchronizing system	Internal
Scanning system	2:1 interlaced
Video output	1Vp-p to 75 ohm
S/N ratio	More than 48db
Electronic iris	1/50 to 1/1000 sec
White balance	AUTO
Gain control	AUTO
Lens mount	1.0 mm lens, 170° wide viewing angle
Power source	DC 12V(Voltage Tolerance:7V~24V)
Operating temp	-4°F~+122° F(-20°C~+50°C)
Storage temp	-40°F~+176° F(-40°C~+80°C)
Waterproof	Ip67



Reverse/Non-Reverse switch  
Distance Guideline on/off switch  
Red wire (Power 12v)  
Black wire (Ground)  
RCA Male (Video)

## 3. Dimension (Inches)& wiring

