

# FS-UL4120-HD Long Range Laser Night Vision Camera



## Introduction

Using active laser infrared night vision with good background contrast, clear imaging, and uninfluenced by outside lightings, FS-UL4120-HD is an independent intelligent patent night vision camera. Accompanied with color to black video camera, this series can realize continuous monitoring day and night. This product can recognize people and vehicles 4000 meters at night and 10km in daytime. With the high intensity aluminum and stainless steel, this one can be used in many occasions such as night, harsh environment, long distance, large scope or hidden monitoring.

## Technical Indicators

<b>Monitoring distance</b>	Night vision	4100meters
	Day vision	10100 meters
<b>Laser</b>	Illumination lens	100mm zoom laser telephoto lens

<b>illuminator</b>	Power	20W
	Wave length	810nm
	Illuminating angle	0.3°-18°continuous change
	Even light	MCIC even light technology
<b>Imaging lens</b>	Focal length	20-1000mm
	FOV	0.38°-17.8°
	Auto focus	Support (optional)
	Fog penetration	Support (optional)
<b>Visible light Camera</b>	Sensor	1/1.8" Progressive Scan CMOS
	Coding mode	H.264/MPEG4/MJPEG
	Video resolution	1080P, CIF, supporting three data rates
	Video bitrate	32Kbps-16Mbps
	Video frame rate	1-25f/s(50Hz), 1-30f/s (60Hz)
<b>Shield</b>	Material	Precision casting aluminum alloy
	Window glass	4mm crystallite ultra clear optical glass
<b>Pan-tilt</b>	Load capacity	50kg(top mount)
	Angle	Pan 360°continuous, tilt -45° to +45° ( optional -60° to +20°)
	Speed	Pan 0.01°-12°/s, tilt 0.01°-8°/s
	Presets	255, supporting lens zoom focus presets
	Auto cruising	8 paths, 10 presets each path
	Anti-lightning	2000V
<b>Interface</b>	Power supply interface	DC24V

	Network interface	1×10Base-T/100Base-TX, RJ45 interface
<b>Environment indicators</b>	Operation temperature	-25°C to +55°C
	Storage temperature	-40°C to +65°C
	Protection grade	IP66
<b>Power supply</b>	Power supply	DC24V±10%, appendant AC220V-DC24V/5A water proof power supply
	Power consumption	≤160W
<b>Physical features</b>	Weight	50kg
	Installation method	outdoor base mounting

