

## 1080p Outdoor Day and Night H.264

Wired/PoE Network Camera  
(Varifocal Lens)



ONVIF

IP surveillance

**ICL5452**



### Key Features

- 1080p Full HD resolution up to 30 fps
- Board Type F1.4 f3.3-10.5mm Varifocal Lens Support DC IRIS
- IR Illuminator with IR LED for all condition
- Real time H.264, MPEG4 and MJPEG compression
- IR illumination range up to 30M
- Removable IR cut filter
- Build-in MicroSD card slot for on-board storage
- Build-in 802.3af compliant Power over Ethernet
- IP68 rated design for outdoor environment
- Two way audio
- Anti cut vandal proof camera

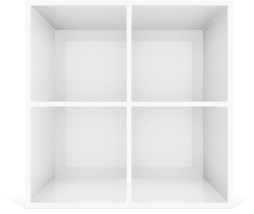
### Product Overview

The device is IP68 rated Outdoor Day and Night Bullet Network camera with 1080p CMOS sensor. The bullet network camera with 850nm IR LED has up to 30M IR illumination distance. With high performance H.264 video compression, the file size of video stream is extremely reduced, as to optimize the network bandwidth efficiency. It has 6X digital zoom feature for a larger space monitoring. The built-in Micro SD provides a convenient and portable storage option for local storage of event and schedule recording, especially network disconnected.

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## ICL5452

### Camera

**Model Number** ICL5452 - 1080p/ Bullet/ IR LED 30M/ Varifocal / PoE

**Hardware System** Network Processor: ARM926EJ-S 600MHz  
Flash: 16M  
RAM: 256MByte DDR3 SDRAM x 2

**Image Sensor** 1080P Full HD Color CMOS Image Sensor  
Resolution : 1920x1080 pixel  
Minimum Illumination : 0 Lux IR LED on

**Lens** Board Lens f2.8-12mm, F1.4  
Support DC IRIS  
View angle(Diagonal):20 - 70 Degree

### Video

**Video Image Compression** H.264, MPEG4 & MJPEG

**Video Setting** Auto Exposure Control/ Auto White Balance/  
Auto Gain Control

**Image Resolution and Frame Rate** Full HD (1920 x 1080) : 30 fps  
SXGA (1280 x 1024) : 30 fps  
WXGA (1280 x 800) : 30 fps  
720P (1280 x 720) : 30 fps  
SVGA (800 x 600) : 30 fps  
D1 (720 x 480) : 30 fps  
VGA ( 640 x 480 ) : 30 fps  
QVGA ( 320 x 240 ) : 30 fps  
QQVGA ( 160 x 120 ) : 30 fps

**Multi-Stream** High Definition Mode :  
- MJPEG@1080p/30fps  
- MPEG4@720/30fps  
- H.264@1080p/30fps  
Multi-Profile Mode :  
- H.264 1080P@30 +MPEG-4 720P@30  
+M-JPEG 1080P@30, 3 streams

### Audio

**Audio In (two-way)** Microphone In :Mono

**Audio Out** Headphone Out :Mono

**Audio codec** PCM/AMR

### Network

**Network** 10/100 Mbps Ethernet, RJ-45, Auto at MDIX  
IEEE802.3 af PoE  
ONVIF Support  
Protocols:  
TCP/IP, IPV6, UDP, ICMP, DHCP, NTP, DNS,  
DDNS, SMTP, FTP, HTTP, Samba, PPPoE,  
UPnP, Bonjour, RTP, RTSP, RTCP, 3GPP and SSL

### General

**Digital Zoom** 1/6x – 6x

**LED and Button** Power  
Link/Act.  
Reset button

**Night vision** 850nm IR LED  
IR Working Distance : Up to 30M

**Protection Rating** Weather-proof IP68-rated housing

**Power** Power Input: DC 12V, PoE, AC 24V  
Power consumption: Max. 8W

**PoE** IEEE802.3af compliant

**Connectors** RS-485, CVBS out

**SD slot** Micro SD

**Environment** Operating Environments :  
Temp: -20° ~ 50° Humidity: 20% ~ 85%  
non-condensing  
Storage:  
Temp: -20° ~ 60° Humidity: 0% ~ 90%  
non-condensing

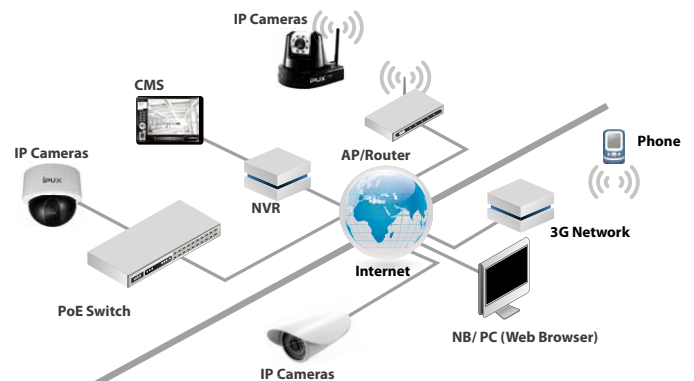
**Software** Support IPFinder software  
Support UltraView Pro software management  
Supports firmware upgrade

**Dimension** 200mm(L)x81mm(H)x81mm(W)

**Weight** --

**Certification** FCC, CE class A

### IP Camera Application



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