

# 2.0 Megapixel IP Bullet Camera



**LC-7553/7553F/7553M**  
**2.0Megapixel / Day & Night / H.264**



APPRO's LC-7553 is a high performance Fixed Network Camera which is equipped with a 2.0 megapixel CMOS sensor and a resolution of up to 1920x1080.

## ● 2.0 Megapixel

The LC-7553 offers to show you video feed with a large field of high resolutions at 2.0 megapixels that provide you with clear images in great detail.



## ● H.264 compression

Currently, the H.264 is the most common and dynamic video compression format and a powerful compression codec which delivers superior image quality at a low bit rate.

## ● Customize to suit the light

Our scheduled scenario settings customize exposure modes for your needs, adjusting your cameras to the differences in the varying strengths of light available at all hours in any given site. This enables ideal surveillance for all sites anywhere, from street traffic through shopping malls to buildings and office interiors.

## Features

- Adopts TI TMS320DM368 digital media processor.
- 1/2.7" OmniVision 2M CMOS sensor.
- Simultaneous H.264, MPEG4, and MJPEG video compressions.
- Three multi-profile applications: Selectable resolutions, frame rates, qualities, and compressions.
- Min. Illumination:  
color 0.3Lux at F1.4 (LC-7553),  
color 1.0Lux at F1.5 (LC-7553F),  
color 0.2Lux at F1.2 (LC-7553M).
- Two-way audio.
- Advanced motion detection (512 zones, Sensitivity: 0~100 %).
- Built-in SD / SDHC card slot for schedule and alarm recording.
- Supports ONVIF.
- Full range of power options: DC 12V / AC 24V / PoE (IEEE 802.3af).
- IP-66 certification is for preventing dust and water.
- Wide range of temperature operation:  
-40°C ~ 50°C

# 2.0 Megapixel / Day & Night / H.264 IP Bullet camera

## LC-7553/7553F/7553M

### SPECIFICATIONS

#### Camera

- Image sensor: 1/2.7" Omni Vision 2M CMOS sensor.
- Lens:
  - LC-7553:** Computar 3.3~12 mm Vari-focal auto iris DC drive (**VGA Type**).
  - LC-7553F:** 4.0mm/F1.5 , Fixed Iris Angle of view : 62° horizontal (**Fixed Lens**).
  - LC-7553M:** Computar 3 ~9 mm Vari-focal auto iris DC drive (**Mega Type**).
- Minimum illumination:
  - LC-7553:** Color: 0.3Lux @ F1.4.; B/W: 0.03Lux@F1.4.
  - LC-7553F:** Color: 1.0Lux @ F1.5.; B/W: 0.5Lux@F1.5.
  - LC-7553M:** Color: 0.2Lux @ F1.2.; B/W: 0.01Lux@F1.2.
- IR cut filter.
- Day & Night: Auto/ Day/ Night/ Schedule.
- IR Light:
  - LC-7553/7553F/7553M:** IR LED x 12 , 20M , Remote on/off switching.

#### Image

- Video Compression: H.264 / MPEG4 / MJPEG.
- Resolution:
  - Aspect ratio:
    - "4:3": 1440x1080, 1280x960, 1024x768, 800x600, 640x480, 480x360, 320x240, 160x120.
    - "16:9": 1920x1080, 1280x720, 800x450, 640x360, 480x270, 320x180, 176x120.
- Video streaming:
  - Simultaneous H.264, MPEG4, MJPEG.
  - Multi-profile: resolution / compression / frame rate / video quality.
- Profiles: 3.
- Frame rate:
  - Single profile: 27FPS (1920x1080).
  - Multiple profile : 20FPS (1920x1080).
- Image settings:
  - AGC, Exposure Time, Mirror, Flip, White Balance, Brightness, Contrast, Saturation, Sharpness, Privacy masks.
- Exposure Mode:
  - Indoor, Outdoor, Night, Low-Noise, Moving, Customize 1~3, Schedule.
- Video management software: SDK, including HTTP-API / ActiveX / ONVIF.

#### Audio

- Audio streaming: Two-way.
- Audio bit rate: G.711u 64kbps / G.726 32kbps.
- Inputs / outputs: 1 x input / 1 x output(3.5mm earphone jack).

#### Network

- Security: Multi-level password protections, IP address filtering, HTTPS encryption, User access log.
- Protocols: IPv4, HTTPS, HTTP, TCP, UDP, RTP/RTCP/RTSP, DHCP, NTP, FTP, SMTP, UPnP, ICMP, ARP, DDNS, PPPoE, SAMBA.
- Users: Access by 10 simultaneous users.
- Firmware update: SD card / HTTP.

#### Alarm

- Recording: SD card, SAMBA, FTP.
- Pre-alarm recording.
- Advanced motion: (512 zones, Sensitivity: 0~100 %).
- Trigger: Motion detection, Schedule, Alarm input, Ethernet loss, Network/Remote digital alarm input.
- Notification: SD card recording, SMTP, FTP, HTTP, alarm output.

#### Connectors

- RJ-45: 10BASE-T/100BASE-TX.
- Digital I / O: Push-in: 2 x digital input / 2 x digital output / 1 x DC output(DC 12V) / 1 x ground.
- Earphone jack : 2 x 3.5 mm(1 x Audio in [mic. in / line in], 1 x Audio out).
- Reset: Reset for factory default.
- Local storage device: SD / SDHC card slot.

#### General

- LED indicators: Network / SD card.
- Power:
  - DC 12V (DC power jack) Approx. 4.8 W.
  - AC 24V (2pin terminal block) Approx. 6 W.
  - PoE: Approx. 6 W, IEEE 802.3af compliant class 2.
- Power consumption:  $\leq 10W$ .
- Processors: TMS320DM368.
- OS: Linux 2.6 kernel.
- Operating conditions:
  - LC-7553/7553M:** -40°C to 50°C(-40°F to 122°F).
  - LC-7553F:** -20°C to 50°C(-4°F to 122°F).
- Approvals: CE, FCC, RoHS, IP-66, IK-10, C-Tick.
- Dimensions (HxWxD) : 92 x 97 x 226 mm.
- Accessories included:
  - Installation Guide.
  - CD x 1 ( includes User's Manual ).
  - Power adapter: (Input: AC 100-240V, 50/60Hz, Output: DC 12V, 1A).
  - RJ-45 cable x 1.
- Mounting bracket (optional):
  - MK-1426



\*Design and specifications are subject to change without notice.

