



# 2.0 Megapixel Network Bullet Camera

2.0 Megapixel / True Day/Night / 1/3" CMOS / Varifocal

- 1/3" Progressive Scan CMOS image sensor
- 15 fps @ 1600 x 1200 (UXGA), 30 fps @ 1280 x 720 (WXGA / 720p)
- H.264/MJPEG dual codec
- Enhanced imaging with 3D Digital Noise Reduction (3D DNR)
- Additional features include: motion detection, tampering detection, privacy masking and event notification
- PoE (Power over Ethernet)
- True day/night (ICR)
- 2-way audio support
- IP66 weather rated

**Bracket not included**



## Specifications

### Camera

Image Sensor	1/3" CMOS
Scanning Mode	Progressive Scan
Resolution	Up to 1600 x 1200
Effective Pixels	Approx. 2.0 Megapixel
Minimum Illumination	Color : 0.1 Lux @ F1.6 (AGC max.) B/W : 0 Lux (IR on)
Day/Night	ICR (Auto/Day/Night)
Electronic Shutter (sec)	Auto (1/30 ~ 1/10000)
Gain Control	Auto
White Balance Mode	Auto
Sense-up (DSS)	Yes, 2x ~ 16x
Noise Reduction	3D DNR
Wavelength Range	850 nm
IR Array Range	50 ft
Beam Angle	30°

### Lens

Lens Type	Varifocal
Zoom Ratio	3.3x
Focal Length	3 ~ 10mm
Iris	Auto
Focus	Manual
Horizontal Viewing Angle	94° (Wide) ~ 29° (Tele)
F-number	F1.6

### Video

Video Compression Format	H.264 (MPEG-4Part 10/AVC), MJPEG
Codec Streaming Capability	Dual streaming, Multiple profiles
Maximum Frame Rate	15 fps @ 1600 x 1200, 30 fps @ 720p
Bit Rate	128 kbps ~ 4 Mbps
Bit Rate Mode	CBR, VBR

### Audio

Audio Streaming	Two-way
Audio Compression Format	AMR, G.711 @ 64 kbps, G.726 @ 32 kbps

### Features

Motion Detection	Yes
Event Notification	Relay Out, Email, FTP
Privacy Mask	Yes
Video Analytics	Tamper Detection

### Interface

Ethernet	RJ-45 10/100 BASE-T
Audio Input	1x In
Audio Output	1x Out
Sensor Input	1x In
Alarm Output	1x Out
SD Card Slot	1x Micro SD

### Network

Protocols	RTSP/RTP/UDP/RTSP/RTP/TCP/RTSP/RTP/HTTP tunneling, LAN Multicast, Multipart-JPEG IPv4, IPv6, HTTP, UDP, TCP, ICMP, IGMP, ARP, DHCP, NTP, SMTP, FTP, SAMBA, UPnP, PPPoE, DNS, DDNS, RTSP, RTP, RTSP/ONVIF
Security	Password Protection
Number of Connections	Up to 20

### General

Power Requirements	PoE / DC12V
Power Consumption	IR On : 6 W / IR Off : 4 W
Weight	1.38 lbs
Dimensions (in.)	2.56 (Ø) x 7.1 (D)
Operating Temperature	-4°F ~ 122°F
Storage Temperature	-22°F ~ 140°F
Operating Humidity	0% ~ 95% RH, Non-condensing
Water and Dust Protection	IP66
Color / Material	Semi Gloss White, Black / Aluminum
Approvals	CE, FCC, Class A, RoHS

### System Requirements

Operating System	Windows XP Professional, Windows VISTA, Windows 7
Processor	Intel Pentium 4 2.4 GHz or later
Memory	1 GB or above RAM
Web Browser	Microsoft Internet Explorer 6.0 or above

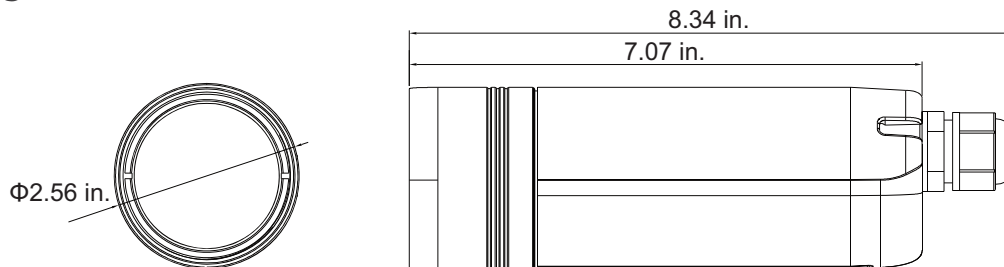
### Supplied Accessories

CD ROM (User's Guide, Camfinder Utility, 3VMS Suite)
Installation Manual



# 2.0 Megapixel Network Bullet Camera

## Product Diagram:



## Features:

### 2.0 Megapixel Resolution

Cover more space or zoom in for more detail



### 3D Digital Noise Reduction (3D DNR)

Filter out noise even in low-light conditions



### Progressive Scan

Delivers faster transmission speeds and sharper details



## Suggested Accessories:

3S Light Duty Security  
Camera Mounting Bracket



## Member of:



## Product Certification:

