



Network Speed Dome Camera

D1 video resolution / H.264 / 37x Optical Zoom

- 1/4" Samsung Interline Transfer CCD image sensor
 - 30 fps @ 704 x 480 D1 resolution
 - H.264/MJPEG dual codec
 - Enhanced imaging with 3D DNR
 - Auto electronic shutter
 - Pan 0°~360°, Tilt 0°~90°
 - 37x optical zoom
 - Additional features include: motion detection, privacy masking, tampering detection, and event notification
 - Free iOS/Android app available
 - True day/night (ICR)
 - IP67 weather rated
 - IK10 impact-resistant
 - -40°F ~ 140°F temperature range
 - Operates on 24 Vac @ 2.0 Amps
- Includes bracket shown**



Specifications

Camera

Image Sensor
Scanning Mode
Resolution
Effective Pixels
Minimum Illumination

1/4" CCD
Interline Transfer
Up to 704 x 480
Approx. 0.4 Megapixel
Color : 0.2 Lux / F1.6 (50IRE)
B/W : 0.02 Lux / F1.6 (50IRE)
ICR (Auto/Day/Night)
On/Off
1/30 ~ 1/10000 (Auto/Manual 5 steps)
Auto (High/Middle/Low)
Auto
Yes, 2x ~ 16x
3D DNR
700 ~ 1100nm
0°~360°, Max. 300°/Sec
0°~90°, Max. 300°/Sec

Day/Night
Wide Dynamic
Electronic Shutter (sec)
Gain Control
White Balance Mode
Sense-up (DSS)
Noise Reduction
IR Sensitivity
Panning Range and Speed
Tilting Range and Speed

Lens

Lens Type
Zoom Ratio
Focal Length
Iris
Focus
Horizontal Viewing Angle
F-number

Varifocal
37x
3.5 ~ 129.5 mm
Auto/Manual
Auto/Manual
55.5° (Wide) ~ 1.59° (Tele)
F1.6 (Wide) - F3.9 (Tele)

Video

Video Compression Format
Codec Streaming Capability
Maximum Frame Rate
Bit Rate
Bit Rate Mode

H.264 (MPEG-4 Part 10/AVC), MJPEG
Triple streaming, Multiple profiles
30 fps @ 704 x 480
128 kbps ~ 4 Mbps
CBR, VBR

Audio

Audio Streaming
Audio Compression Format

Two-way
AMR, G.711 @ 64 kbps, G.726 @ 32 kbps

Features

Motion Detection
Event Notification
Privacy Mask
Video Analytics

Yes
Relay Out, Email, FTP
Yes
Tamper Detection

Interface

Ethernet
Audio Input
Audio Output
Sensor Input
Alarm Output
SD Card Slot
RS-485

RJ-45 10/100 BASE-T
1x In
1x Out
1x In
1x Out
1x Micro SD
Yes (2 Pin)

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, RTCP, ONVIF
Password Protection
Up to 20

Security

Number of Connections

General

Power Requirements
Power Consumption
Weight
Dimensions (in.)
Operating Temperature
Storage Temperature
Operating Humidity
Ingress Protection
Impact Protection
Color / Material
Approvals

AC24V
48 W (max)
8.49 lbs.
9.57 (Ø) x 12.45 (H)
-40°F ~ 140°F
14°F ~ 122°F
0% ~ 95% RH, Non-condensing
IP67
IK10
Semi Gloss White / Aluminum
CE, FCC, Class A, RoHS

System Requirements

Operating System
Processor
Memory
Web Browser

Windows XP Professional, Windows VISTA, Windows 7
Intel Pentium 4 2.4 GHz or later
1 GB or above RAM
Microsoft Internet Explorer 6.0 or above

Supplied Accessories

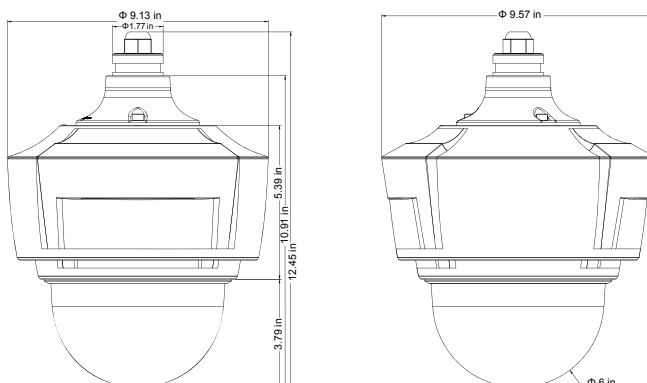
CD ROM (User's Guide, Camfinder Utility, 3VMS Suite)
Installation Manual
Wall Mount Bracket
Mounting Hardware
AC24V Power Supply



Water Proof

Network Speed Dome Camera

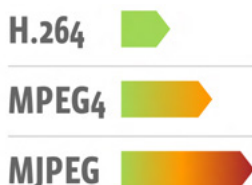
Product Diagram:



Features:

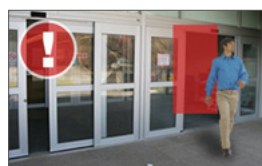
H.264 Compression

Reduced storage requirements, lower bandwidth, faster transmission speeds



Motion Detection

DVR or other device can be triggered when motion is detected



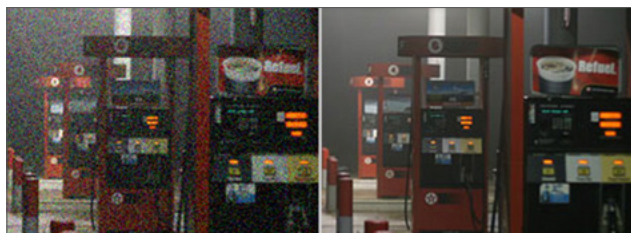
Event Notifications

Notify via relay out, email or FTP when a triggered event has occurred



3D Digital Noise Reduction (3D DNR)

Filter out noise even in low-light conditions



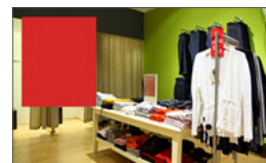
Tampering Detection

Sends an alert if the viewing angle changes, or has been blocked



Privacy Masking

Keep desired areas private



Progressive Scan

Delivers faster transmission speeds and sharper details



Member of:



Product Certification:

