SYMMETRY™
EN-7512HD NETWORK CAMERA

The Symmetry™ range of advanced network cameras provides compact design, coupled with full HD technology and H.264 video compression to meet all your video surveillance needs.

The Symmetry EN-7512HD is a compact day/night box camera suitable for indoor applications. Onboard support for Power over Ethernet ensures quick and easy installation coupled with increased reliability. Efficient operation allows ease of monitoring, management and maintenance, reducing the demand on time and resources.

This high performance camera comes with built-in advanced motion detection and optional video content analytics encompassing 3D behavior detection including loitering, entering / exiting, appear / disappear and tailgating filters. Motion detection features include, anti- tampering, shake cancellation and real-time event tracking.

Using Symmetry network cameras in combination with market leading Video Management Software delivers a high performance seamless video solution. Cost savings are also introduced as multiple or complex sites can be monitored from one central location. The Symmetry camera range is also operational with other leading Video Management software applications.

KEY FEATURES

- High definition indoor network camera
- Full Frame at HD1080p
- Video Compression: H.264
- Dual Stream
- Burnt-in Text, Video Motion Detection Support
- SD Memory Support
- Remote Firmware Upgrade over Network
- ONVIF Support
- Embedded Video Analytics

SPECIFICATIONS

Camera Module

- Image Sensor: 1/2.7" 1080p CMOS
- Effective Pixels: 1920 x 1080
- Scanning System: Progressive scanning
- AGC Control: Auto
- Minimum Illumination: Color : 0.5 lux, BW : 0.001 lux (Sens-up 32X)
- Lens : 3.1 ~ 8mm F1.2, CS mount
- Day & Night: IR Cut Filter Removal
- Smart Edge Enhance: Supported (Auto adjust the sharpness by Lux)
- 2D-DNR: Supported (1 ~ 16)
- White Balance: ATW / Manual / Push
- BLC: On(possible to designate zone) / Off

Video

- Compression Format: H.264, MJPEG*
- Number of Streams: Dual Stream*, Configurable
- Resolution: 1920 x 1080, 1280 x 720, 800 x 450, 480 x 270, 320 x 180
- FPS: 30fps@1080p (enabling analytics reduces maximum FPS / resolution)
- Motion Detection: Built-in
- Burnt-in Text: Video stream overlay text
- Output: Analog video output for installation only

Audio

- Input / Output: 1 / 1* Channel
- Compression Format: G.711

Function

- Digital Input / Output: 1 / 1*
- Network: 10 / 100 Base-T
- Protocol: TCP/IP, UDP/IP, HTTP, RTSP, RTCP, RTP/UDP, RTP/TCP, SNTP, mDNS, UPnP, SMTP, IGMP, DHCP, DDNS, SSL v2/v3, IEEE 802.1X, SNMP v2/v3
- USB 2.0: 1
- Memory Card Slot: Built-in SD slot (SD card not included)
- Recommend Class 4 and higher for HD recordings

Electrical

- Power Source: DC 12V (Adapter Included)
- Power over Ethernet: Supported (IEEE 802.3af)
- Power Consumption (Approx): 350mA @ DC 12V

Environmental

- Operating Temperature: Operating Range
  - DC12V : 0°C ~ 50°C (32°F ~ 122°F)
  - PoE : 0°C ~ 50 °C (32°F ~ 122°F)
- Operating Humidity: Up to 85% RH, Non-condensing

Not supported by Symmetry

Mechanical

- Material: Aluminum Die-casting
- Color: Cool Gray
- Dimension: 71mm (w) x 64mm (h) x 140mm (d)
- Weight (Approx): 500g

Advanced Motion Detection (Included as Standard)

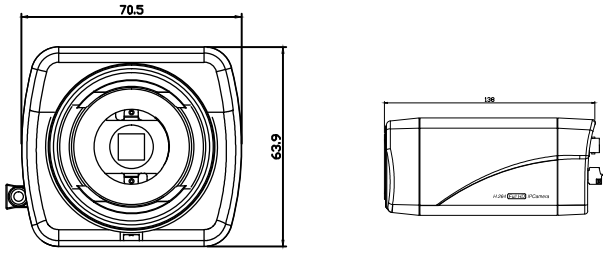
- High Performance: Advanced Tracking Algorithm, Low False Alarm Rate
- Easy to Use: Intuitive Web Browser Interface
- Detection Zones: Multi-segment Polygons and Lines
- On-screen Display: Real-time Display of Tracking Data and Events
- Camera Shake Cancellation: Improve the performance with cameras that are prone to shake
- Tamper Detection: Detect camera tampering

Video Content Analysis (Option)

- Detection Behavior: Direction, Stopping, Loitering, Entering, Exiting, Appear, and Disappear Filters, Tailgating* Detection
- 3D Behavior: Perspective Corrected Size and Speed Filters
- Statistics: Counting Functions and Other Statistics*
- Meta Data: Plain XML Format*

Analytics are powered by VCA Technology

Dimension: (mm)



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