# VistaCam 900

*Full High Definition Wireless Indoor Camera*



## Overview

**FHD 1080p** — Delivers Excellent 1080P (1920 x 1080) Video Quality for Surveillance Recordings

**HDR** — Support HDR (High Dynamic Range) for backlight application

Support 4 MP Image Sensor for SmartZoom

**140°** — Support 140 Degree FOV (field of view) Lens for ePTZ Function

Support 11AC/N Dual Band Wi-Fi

Support Adaptive Bit Rate for low bit rate video streaming

Build-in Micro SD card for Expandable Memory Storage

Built-in Infrared LEDs for Night Time Illumination

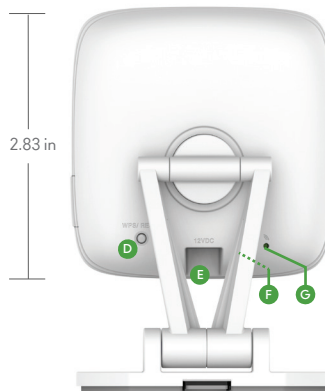Simplified Wireless Network Setup with WPS Function

## Additional Views
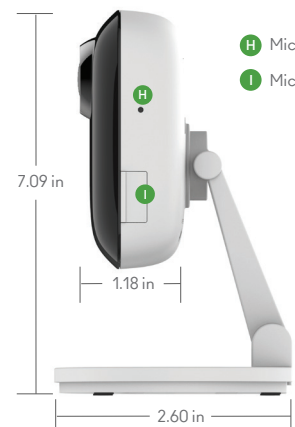
### FRONT



**A** Camera Lens
**B** Light Sensor
**C** IR Night Illumination

2.83 in

### BACK



**D** WPS/Reset Button (Wi-Fi Protected Setup)
**E** Power Connection
**F** Network LED
**G** Power LED

### SIDE



**H** Microphone
**I** Micro USB Port

7.09 in

1.18 in

2.60 in

**vera** — Smarter Home Control

# VistaCam 900

## Full High Definition Wireless Indoor Camera

## Software

**Application**
Vera UI7 or higher

## Audio

**Audio**
Built-in Microphone, G.711, G.726

## Alarm & Event Management

**Alarm and Event Management**
Motion Detection, Audio Detection, FTP, HTTP Notification, Email Notification

## Sensor & Lens

**Image Sensor**
1/3" CMOS Sensor

**Minimum Illumination**
0 Lux (with IR LED)

**Lens**
**Type:** Fix Focus Lens
**Aperture:** F2.0
**Diagonal View Angle:** 140°

## Video

**Video Compression**
H.264 Main Profile, M-JPEG

**Video Streaming**
Simultaneous H.264 and M-JPEG,
3GPP Compatible

**Image Settings**
Flip          Brightness          White Balance
Mirror        Sharpness

**Resolution and Frame Rate**
1080p, 720p, QHD, VGA, QVGA,
Up to 30 fps

## Network

**Protocols**
TCP/IP, DHCP, NTP, DNS, HTTP, HTTPS,
RTP, RTSP, RTCP, UPnP

**Wireless**
802.11ac (2x2)

**Ethernet**
10/100Mbps

## Hardware

**Processors and Memory**
**Processor:** ARM A9 816MHz
**NAND Flash:** 128MB
**RAM:** 256MB

**Connector**
❶ DC Power Jack

**Microphone**
Built-in: - 40 dB + 3dB

**LEDs & Buttons**
❷ **LEDs:** Power, Network/WPS
❶ **Button:** Reset (with WPS Function)

**Power Adapter**
**Input:** 100-240 VAC, 50-60 Hz
**Output:** 12VDC, 1A

**Dimensions (H x W x D)**
2.83" x 2.83" x 1.18" (72mm x 72mm x 30mm)

**Weight**
TBD

**Power Consumption**
TBD

**Compliance**
FCC

## Environment

**Operation**
Temperature:32° - 104°F ( 0° - 45°C)
Humidity: 10% - 85% RH (non-condensing)

**Storage**
Temperature: -4° - 158°F (-20° - 70°C)
Humidity: 0% - 90% RH (non-condensing)

## Accessories

**Accessories**
AC Power Adapter (12V / 1A, 100-240VAC)
Micro USB to Ethernet Adapter
Stand

vera
Smarter Home Control