The Hikvision DS-2DF7286-A is a 2 megapixel (1920 x 1080) 30x PTZ zoom camera. The camera has built in IR with a range of upto 150m and is housed in an IP66 rated housing. Some of the great features this camera includes are Auto Tracking feature, dual streaming, day/night function, digital wide dynamic range and also includes alarm inputs making this a feature, dual streaming, day/night function, digital wide dynamic range and also includes alarm inputs making this a dome suitable for every install.

**FEATURES:**
- 1/2.8” progressive scan CMOS
- 2MP
- 30X optical zoom, 16X digital zoom
- Smart tracking, Defog
- Up to 150m IR distance
- True day & night, D WDR, 3D DNR
- 3D intelligent positioning
- 24V AC
- Triple stream
- 7 alarm in / 2 alarm out

**CAMERA**

- **Image sensor:** 1/2.8” Progressive Scan CMOS
- **Effective pixel:** 2230K pixels
- **Min. Illumination:**
  - Colour: 0.4lux (F1.6, 1/30 sec, 50IRE, AGC on); 0.05lux (F1.6, 1/1 sec, 50IRE, AGC on); 0 lux with IR
  - B/W: 0.03lux (F1.6, 1/30 sec, 50IRE, AGC on); 0.005lux (F1.6, 1/1 sec, 50IRE, AGC on); 0 lux with IR
- **White balance:** Auto / Manual / ATW / Indoor / Outdoor / Daylight lamp / Sodium lamp
- **IR range:** Up to 150m
- **A/F Lens:** F1.6 ~ F3.5
- **Zoom speed:** Approx. 3s (Optical Wide-Tele)
- **Pan / Tilt speed:**
  - Pan Manual Speed: 0.1 ~ 160°/s, Pan Preset Speed: 240°/s
  - Tilt Manual Speed: 0.1 ~ 120°/s, Tilt Preset Speed: 200°/s
- **Min. Illumination:**
  - Colour: 0.4lux (F1.6, 1/30 sec, 50IRE, AGC on); 0.05lux (F1.6, 1/1 sec, 50IRE, AGC on); 0 lux with IR
  - B/W: 0.03lux (F1.6, 1/30 sec, 50IRE, AGC on); 0.005lux (F1.6, 1/1 sec, 50IRE, AGC on); 0 lux with IR
- **Focal length:** 4.3 ~ 129mm, 30X optical zoom
- **Zoom speed:** Approx. 3s (Optical Wide-Tele)
- **Video output:** 1.0V[p-p] / 75Ω, NTSC (or PAL) composite, BNC
- **Audio:**
  - Input: 1 Mic in / Line in interface. Line input: 2-2.4V[p-p]; output impedance: ≥5K
  - Output: 1 Audio output interface. Line level, impedance: 600Ω
- **Power:**
  - Voltage: 24V AC, max. 50W
  - Voltage transient protection
  - Protection level: IP66, TVS 4000V lightning protection, surge protection and voltage transient protection
- **Dimensions:**
  - Ø245 x 399mm (Ø9.65” x 15.71”)
  - Weight: Approx. 5.5kg (12.13Ibs)

**S/N ratio:** ≥ 50dB

**Backlight compensation:** HLC / BLC

**Wide dynamic range:** 128X Digital WDR

**Shutter speed:**
- 50Hz: 1 ~ 1/30,000s, 60Hz: 1 ~ 1/30,000s

**Wide dynamic range:** 128X Digital WDR

**Format:**
- H.264 / MJPEG / MPEG4

**Protocols:**
- IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, ICMP, SMTP, NTP

**Security measures:**
- User authentication (ID and PW), Host authentication (MAC address), IP address filtering

**Network:**
- 10Base-T / 100Base-TX, RJ45 connector

**Audio:**
- Input: 1 Mic in / Line in interface. Line input: 2-2.4V[p-p]; output impedance: ≥10K

**Video:**
- Output: 1 Audio output interface. Line level, impedance: 600Ω

**Image compression:**
- H.264 / MJPEG / MPEG4

**Frame rate:**
- 50Hz: 25 fps (1920×1080), 25 fps (1280×960), 25 fps (1280×720)
- 60Hz: 30 fps (1920×1080), 30 fps (1280×960), 30 fps (1080×720)

**Max. image resolution:**
- 1920×1080

**Ethernet:**
- 10Base-T / 100Base-TX, RJ45 connector