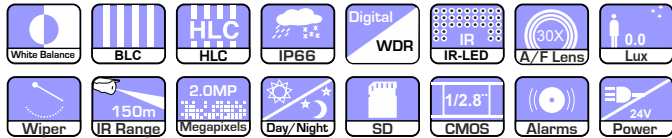


# DS-2DF7286-AW

# HIKVISION



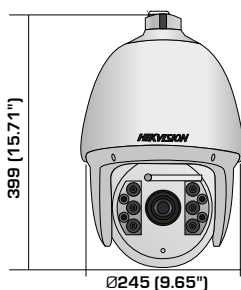
The Hikvision DS-2DF7286-A is a 2 megapixel (1920 x 1080) 30x PTZ zoom camera. The camera has built in IR with a range of upto 150m and is housed in an IP66 rated housing. Some of the great features this camera includes are Auto Tracking feature, dual streaming, day/night function, digital wide dynamic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

## Dimensions

Unit: mm (inch)



DS-2DF7286-AW	
<b>CAMERA</b>	
Image sensor	1/2.8" Progressive Scan CMOS
Effective pixel	2230K pixels
Min. Illumination	Colour : 0.3lux ( F1.6,1/30 sec, 50 IRE, AGC on); 0.02lux (F1.6,1/1 sec, 50 IRE, AGC on); 0 lux with IR B/W : 0.02lux (F1.6,1/30 sec, 50 IRE, AGC on); 0.002lux (F1.6,1/1 sec, 50 IRE, AGC on); 0 lux with IR
White balance	Auto / Manual / ATW/Indoor / Outdoor / Daylight lamp / Sodium lamp
AGC	Auto / Manual
S / N ratio	≥ 55dB
Digital noise reduction	3D DNR
Backlight compensation	HLC / BLC
Wide dynamic range Digital	WDR
Shutter speed	50Hz: 1 ~ 1/30,000s, 60Hz: 1 ~ 1/30,000s
Day & Night	IR Cut Filter
Digital zoom	16X
Privacy masking	24 privacy masks programmable, optional multiple colors and mosaics
Focus mode	Auto / Semiautomatic / Manual
Enhancement	Defog
<b>LENS</b>	
Focal length	4.3 ~ 129mm, 30X optical zoom
Zoom speed	Approx. 3s (Optical Wide-Tele)
Angle of view	65.5 ~ 2.11 degree (Wide-Tele)
Min. Working distance	10 ~ 1500mm(Wide-Tele)
Aperture range	F1.6 ~ F5.0
<b>PAN AND TILT</b>	
Smart tracking	Support
Pan / Tilt range	Pan: 360° endless; Tilt: -2° ~ 90° (auto flip)
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
Proportional zoom	Rotation speed can be adjusted automatically according to zoom multiples
Number of preset	300
Patrol	8 patrols, up to 32 presets per patrol
Pattern	4 patterns, with the recording time not less than 10 minutes per pattern
Power-off memory	Support
Park action	Preset / Patrol / Pattern / Pan scan / Tilt scan / Random scan / Frame scan / Panorama scan
PTZ position display	Support
Preset freezing	Support
Scheduled task	Auto Scan / Frame Scan / Random Scan / Patrol / Pattern / Preset / Panorama Scan / Tilt Scan / Dome Reboot/ Dome Adjust / Aux Output
<b>INFRARED</b>	
Smart IR	Support
IR distance	Up to 150m
IR intensity	Automatically adjusted, depending on the zoom ratio
<b>ALARM</b>	
Alarm input	7 inputs
Alarm output	2 relay outputs, alarm response actions configurable
Alarm trigger	Motion detection, Audio Exception Detection, Dynamic analysis, Tampering alarm, Network disconnect, IP address conflict, Storage exception
Alarm action	Preset, Patrol, Pattern, SD/SDHC card recording, Relay output, Notification on Client
<b>LOCAL VIDEO&amp;AUDIO</b>	
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: 1KΩ, ±10%
Audio output	1 Audio output interface. Line level, impedance: 600Ω
<b>NETWORK</b>	
Ethernet	10Base-T / 100Base-TX, RJ45 connector
Max. image resolution	1920×1080
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 (1280×720)
Image compression	H.264 / MJPEG / MPEG4, H.264 encoding with Baseline / Main / High profile
SVC	Support
ROI	encoding Support
Audio compression	G.711u / G.711a / G.726 / MP2L2
Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, ICMP, DHCP, PPPoE
Simultaneous live view	Up to 20
Streams	Triple streams
SD memory card	Built-in SD/SDHC Slot, up to 64GB, support manual / alarm / edge recording
User/Host	level Up to 32 users, 3 Levels: Administrator, Operator and User
Security measures	User authentication (ID and PW), Host authentication (MAC address),
IP address filtering	
<b>INTEGRATION</b>	
Application programming	Open-ended API, support Onvif, PSIA and CGI
Web browser	IE 7+, Chrome 18+, Firefox 5.0+, Safari 5.02+, support multi-language
<b>GENERAL</b>	
RS-485 protocols	HIKVISION, Pelco-P, Pelco-D, self-adaptive
Power	24VAC, max. 52W
Working temperature	-30°C ~ 65°C(-22°F ~ 149°F)
Humidity	90% or less
Protection level	IP66, TVS 4000V lightning protection, surge protection and voltage transient protection
Wiper	Support
Dimensions	Ø245 x 399mm Ø9.65" x 15.71"
Weight	Approx. 6kg(13.22lbs)