DS-2CD4025FWD-(A)(P) is Hikvision Smart IPC and features complete Smart functions including:

**Smart Detection**
Intrusion Detection, Line Crossing Detection, Object Left/Removal, Area Entering/Leaving, Scene Change Detection, Audio Surge Detection, Audio Loss Detection, Defocus Detection, Face Detection, Object Counting, etc.

**Smart Codec**
Smart Recording with dual-VCA, Low Bitrate, Low Latency, ROI enhancement, Multi-stream, Rotate Mode, Edge Recording, etc.

**Smart Image Control**
Smart Auto Focus with ABF (-A Model)

The Lightfighter series Smart cameras are able to capture high quality colored images in back light environment. DS-2CD4025FWD offers Full HD resolution with up to 60fps high frame rate, 140dB WDR, Auto Back Focus, P-Iris, PoE, Defog, 3D DNR and complete Smart Feature-set to meet a wide variety of applications.

- 1/2.8" Progressive Scan CMOS
- 1080p @ 60fps frame rate
- High light environment
- Slow shutter
- 140dB WDR
- 3D DNR
- -A: Auto Back Focus
- -P: P-Iris
- Audio/Alarm IO
- Support 128G on-board storage
- DC12V/AC24V/PoE(802.3af)
Key Features

Smart
- 6 behavior analysis, 4 exception detections, 1 recognition, 1 statistic function.
- Smart recording: Support edge recording and dual-VCA.
- Smart encoding: Support low bit rate; low latency; ROI enhance encoding
- Smart lens options: ABF (-A), P-iris(-P).

Image
- HD 1920 × 1080@60fps
- Support rotate mode, suitable for environment as corridor.
- Support regional cropping, details can be seen with low bandwidth.
- Code smoothness setting for different requirements of image quality and fluency.
- Support H.264/MJPEG video compression, multi-level video quality configuration; support Basic/Main/High Profile H.264 encoding complexity.
- Multiple OSD color: Black & white self-adaptive; Custom
- Digital WDR is supportable for backlight environment.
- Support defog, BLC, HLC.

System
- Support ONVIF (profile S/profile G), CGI, PSIA, ISAPI protocol.
- Support three streams, and Support 20 channels live view at the same time.
- Anti-thunder, anti-surge, anti-static protection level.

Interface
- Support standard 128G Micro SD/SDHC/SDXC card storage.
- Support 10M/100M/1000M Ethernet Port.
- Support Audio I/O, support dual channel stereo audio.
- Support Alarm I/O
- Support CVBS analog output (4CIF resolution)

Security
- Support three-level user authentication management, user and password authorization, IP address filtering and anonymous access.
- Support security certificate as HTTPS, SSH; support creating certificate.
- Basic and digest authentication is supportable in IE configuration
- Lock user IP for many times error login
**DS-2CD4025FWD-(A)(P) 2MP Smart IP Box Camera**

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### Audio

**Environment Noise Filtering**
Support

**Audio I/O**
Support dual audio track, stereo

**Audio Sampling Rate**
16kHz / 32kHz / 44.1kHz / 48kHz

### Smart Feature-set

**Behavior Analysis**
- Line crossing detection
- Intrusion detection
- Region entrance
- Region exiting
- Unattended baggage
- Object removal

**Line Crossing Detection**
Cross a pre-defined virtual line

**Intrusion Detection**
Enter and loiter in a pre-defined virtual region

**Region Entrance**
Enter a pre-defined virtual region from the outside place

**Region Exiting**
Exit from a pre-defined virtual region

**Unattended Baggage**
Objects left over in the pre-defined region such as the baggage, purse, dangerous materials

**Object Removal**
Objects removed from the pre-defined region, such as the exhibits on display.

**Exception Detections**
- Scene change detection
- Sudden audio increase/decrease detection
- Audio loss detection
- Defocus detection

**Recognition**
Face detection recognition

**Statistics**
Object Counting (Entrance and Exit object number is accounted and showed on screen in real time)

### General

**Operating Conditions**
-30 °C – 60 °C (-22 °F – 140 °F), Humidity 95% or less (non-condensing)

**Power Supply**
24 V AC ± 10%, 12 V DC ± 10%, PoE (802.3af)

**Power Consumption**
Max. 6 W (Max. 9W with IR cut filter on)

**Dimensions**
69.8×58×145 mm (2.75” × 2.28” × 5.71”)

**Weight**
830 g (1.83 lbs)

### Order Models
- DS-2CD4025FWD
- DS-2CD4025FWD-A
- DS-2CD4025FWD-P
- DS-2CD4025FWD-AP

### Accessories

- **HV3816D-8MPIR**
  - 3.8~16mm DC Iris Lens

- **HV3816P-8MPIR**
  - 3.8~16mm P-Iris Lens

- **HV1140D-8MPIR**
  - 11~40mm DC Iris Lens

- **HV1140P-8MPIR**
  - 11~40mm P-Iris Lens

- **DS-1322HZ-C/H/CW/HW**
  - Outdoor Housing

- **DS-1293ZJ**
  - Long Arm Wall Mount

- **DS-1292ZJ**
  - Short Arm Wall Mount

- **DS-1320HZ**
  - Indoor Housing

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**Dimensions**

Unit: mm

![Dimensions Diagram](image)