

# SF-IPD040A-4E1

Safire Smart

IP Dome Camera IP range E1

Artificial Intelligence

Resolution 4 Megapixel (2566x1440)

Lens 2.8 mm | Built-in microphone |

IR 30m

AI: Classification of human and  
vehicle

Waterproofing IP67 & IK10 | PoE  
(IEEE802.3af)



Safire Smart

Range E1 with Artificial Intelligence

IP Dome Camera

1/3" Progressive Scan CMOS

4 Megapixel (2560x1440)

2.8 mm Lens

0 Lux

IR Range 30 m

Compression H.265 / H.264

WDR

3DNR

Integrated microphone

Artificial intelligence: Classification of human and vehicle

WEB, CMS, Smartphone and NVR interface

ONVIF Compatible

PoE (IEEE802.3af)

3 Axis

Weatherproof IP67

Anti-vandal IK10

# Specifications

|                      |                                                                                                                                                                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Brand                | Safire Smart                                                                                                                                                                                                                              |
| Range                | E1                                                                                                                                                                                                                                        |
| Image sensor         | 1/3" Progressive Scan CMOS                                                                                                                                                                                                                |
| Maximum resolution   | 4 Megapixel (2560x1440)                                                                                                                                                                                                                   |
| Minimum illumination | Colour: 0.005 Lux @(F1.6, AGC ON), 0 Lux with IR                                                                                                                                                                                          |
| IR range             | 30 m                                                                                                                                                                                                                                      |
| Day/Night            | Removable mechanical ICR filter                                                                                                                                                                                                           |
| Electronic Shutter   | 1/2~1/100.000 s                                                                                                                                                                                                                           |
| Main Stream rate     | 25 FPS (4Mpx, 3Mpx, 1080P, 720P)                                                                                                                                                                                                          |
| Extra Stream rate    | 25 FPS (720P, D1, CIF)                                                                                                                                                                                                                    |
| Third Stream Rate    | 25 FPS (D1, 480x240, CIF)                                                                                                                                                                                                                 |
| Compression          | H.265 / H.264                                                                                                                                                                                                                             |
| Bitrate              | 64 Kbps ~ 8 Mbps                                                                                                                                                                                                                          |
| Lens                 | 2.8 mm                                                                                                                                                                                                                                    |
| Viewing Angle (FOV)  | H: 94°, V: 50°, D: 115°                                                                                                                                                                                                                   |
| Range performance    | 61 m (D), 24 m (O), 12 m (R), 6 m (I)                                                                                                                                                                                                     |
| Image improvements   | WDR, BLC, HLC, 3D-DNR, AWB, ROI, Mirror Function, Privacy Mask, ROI                                                                                                                                                                       |
| Motion Detection     | Yes                                                                                                                                                                                                                                       |
| Smart Features       | Artificial Intelligence based classification of human and vehicle on: Area Intrusion, Line Crossing, Entry Region, Exit Region<br>Other smart events: dropped object, removed object, Video exceptions (change of scene, video loss, ...) |
| Audio                | Integrated microphone                                                                                                                                                                                                                     |
| Audio Compression    | G711A / U                                                                                                                                                                                                                                 |
| Network interface    | Ethernet 10 / 100M BaseT                                                                                                                                                                                                                  |
| Internal memory      | MicroSD card up to 256GB                                                                                                                                                                                                                  |
| Remote access        | Web Browser, Smartphone App Safire Smart, PC Software Safire Smart VMS                                                                                                                                                                    |
| Interoperability     | ONVIF                                                                                                                                                                                                                                     |
| Power                | DC 12 V / 375 mA / 4.5 W max. / IEEE802.3af PoE                                                                                                                                                                                           |
| 3 Axis               | Yes                                                                                                                                                                                                                                       |
| Degree of protection | Waterproof IP67, Anti-vandal IK10                                                                                                                                                                                                         |
| Material             | Metal and plastic                                                                                                                                                                                                                         |
| Temp. operation      | -30° C ~ +60° C                                                                                                                                                                                                                           |
| Dimensions           | 119 (Ø) × 87.8 (H) mm                                                                                                                                                                                                                     |
| Weight               | 640 g                                                                                                                                                                                                                                     |