

# SF-IPD050A-4I1

Safire Smart

IP Dome Camera range I1 AI

Advanced

Resolution 4 Megapixel (2592x1520)

Lens 2.8 mm | Audio | IR 20m

Advanced AI: Perimeter, Facial,

Counting, Metadata

Waterproofing IP66 | PoE

(IEEE802.3af)



Safire Smart

Range I1 with Advanced Artificial Intelligence

IP Dome Camera

1/3" Progressive Scan CMOS

4 Megapixel (2592x1520)

2.8 mm Lens

0 Lux

IR Range 20 m

Compression H.265+ / H.264+

WDR

3DNR

Integrated microphone

Audio

Advanced Artificial Intelligence: human, vehicle and non-motorized vehicle detection

Facial Capture

Video metadata

Human, vehicle and non-motorized vehicle counts

WEB, CMS, Smartphone and NVR interface

ONVIF Compatible

PoE (IEEE802.3af)

Weatherproof IP66

# Specifications

|                      |   |
|----------------------|---|
| Brand                | Safire Smart  |
| Range                | I1  |
| Image sensor         | 1/3" Progressive Scan CMOS  |
| Maximum resolution   | 4 Megapixel (2592x1520)   |
| Minimum illumination | Colour: 0.005 Lux @(F1.6, AGC ON), 0 Lux with IR  |
| IR range             | 20 m  |
| Day/Night            | Removable mechanical ICR filter   |
| Electronic Shutter   | 1/2~1/100.000 s   |
| Main Stream rate     | 25 FPS (4Mpx, 2K, 3Mpx, 1080P, 720P)<br>HFR mode: 60 FPS (1080P / 720P)   |
| Extra Stream rate    | 25 FPS (720P, D1, CIF, 480x240)   |
| Third Stream Rate    | 25 FPS (D1, 480x240, CIF)   |
| Compression          | H.265+ / H.265 / H.264+ / H.264   |
| Bitrate              | 64 Kbps – 8 Mbps  |
| Lens                 | 2.8 mm  |
| Viewing Angle (FOV)  | H: 95°, V: 53.2°, D: 100.7°   |
| 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   |
| Smart Features       | Advanced artificial intelligence based on human, vehicle and non-motorized vehicle classification on: Area Intrusion, Line Crossing, Entry Region, Exit Region<br>Face Detection and Face Capture<br><br>Counting of people, vehicles and non-motorized vehicles<br><br>Feature extraction:<br>- Human: Up to 13 characteristics<br>- Vehicle: Up to 5 characteristics<br>- Non-motorized vehicle: Up to 1 characteristics<br><br>Other smart events: dropped object, removed object, Video exceptions (change of scene, video loss, ...) |
| Motion Detection     | Yes   |
| Audio                | Built-in microphone, 1 Input  |
| 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 / 200 mA / 6 W max. / IEEE802.3af PoE   |
| Degree of protection | Weatherproof IP66   |
| Material             | Metallic  |
| Temp. operation      | -30° C ~ +60° C   |
| Dimensions           | 110 (?) x 59.80 (H) mm  |
| Weight               | 380 g   |