

# SF-IPD820UWHA-4U-AI2

4 MP IP Camera  
1/2.7" Ultra Low Light sensor  
Compression H.265+ / H.265  
Lens 2.8 mm / WDR / IR 30 m  
Truesense2: Improved false alarm  
filter



Safire  
IP camera  
1/2.7" Progressive Scan CMOS Ultra Low Light  
4 Megapixel (2592x1944)  
2.8 mm Lens  
WDR  
Compression H.265+/H.264+  
IR Cut  
0 Lux  
IR Range 30 m  
TrueSense2, improved false alarm filter for vehicles and people  
Face Capture: Compatible with facial recognition recorders  
RJ-45 10/100 BaseT  
Audio  
Alarm  
WEB, CMS, Smartphone and NVR interface  
ONVIF Compatible  
PoE IEEE802.3af  
Waterproof IP66 | Anti-vandal IK10

# Specifications

|                      |   |
|----------------------|---|
| Brand                | SAFIRE  |
| Image sensor         | 1/2.7" Progressive Scan CMOS  |
| Maximum resolution   | 4 Megapixel (2688x1520)   |
| Minimum illumination | 0.003 Lux / F1.4 Ultra Low Light Color  |
| Infrared lighting    | 0 Lux / IR LEDs (30 m)  |
| Lens                 | 2.8 mm (H:103°, V: 55°)   |
| Bitrate              | 32 Kbps – 8 Mbps  |
| Main Stream rate     | 4Mpx / 3Mpx / 1080p / 720p (1 ~ 25 FPS)   |
| Extra Stream rate    | 640x480, 640x360, 320x240 (1 ~ 25 FPS)  |
| Compression          | H.265+ / H265 / H.264+ / H264   |
| Image improvements   | WDR (120dB), BLC, 3D-DNR, MD, ROI   |
| Advanced features    | Line-crossing detection   intrusion   entry / exit area   |
| Truesense 2          | Motion Detection, Line Crossing, Entry / Exit area<br>Truesense and Face capture cannot be active at the same time        |
| Face Capture         | YES (Compatible with Safire's Face Recognition recorders)<br>Truesense and Face capture cannot be active at the same time |
| Day / Night          | Removable mechanical ICR filter   |
| Internal memory      | MicroSD card, Max 256 GB  |
| Network interface    | Ethernet 10/100 BaseT   |
| Alarms               | 1 IN / 1 RELAY (max). 12VDC, 30mA)  |
| Audio                | 1 IN / 1 OUT  |
| Remote access        | NVR, Web Browser, App Smartphone and PC Software Safire Control Center  |
| Interoperability     | ONVIF   |
| Lens Adjustment      | 3 axis  |
| Power                | DC 12V / 0.45A, max. 5.4W, PoE IEEE802.3af max. 6.5W  |
| Degree of protection | IP66, IK10  |
| Material             | Metallic  |
| Temp. operation      | -30° C ~ +60° C   |
| Dimensions           | 92 (H) x 121 (Ø) mm   |
| Base dimensions      | 88 x 88 x 88 mm (3 screws)  |
| Weight               | 1090 g  |