



4MP Indoor-Outdoor Vandal IP Dome Camera

IPFX-D40V-IRW2

SKU: 66568

The IPFX-D40V-IRW2 is a 4MP dome camera featuring our latest generation of 1/2.7TM CMOS sensors. It adopts our IK10 vandal proof dome style housing, and features Starlight supported IR illumination up to ~131TM. The camera also includes H.265 encoding for optimized storage and enhanced IVS with Perimeter protection and Intelligent Motion Detect which helps filter human and vehicle target objects. The camera also features a motorized, 2.7mm-13.5mm lens which offers up a 28-104 degree horizontal field of view. The zoom level is fully controllable directly from the camera interface, enabling you to obtain the perfect shot. This makes the camera well suited for exterior applications on commercial as well as residential installations.

Deliver high quality video without straining the network, Smart H.265+ is the optimized implementation of H.265. The Smart H.265+ encoding technology includes a scene adaptive encoding strategy, dynamic GOP, dynamic ROI, flexible multi-frame reference structure and intelligent noise reduction, providing saving of up to 70% of bandwidth and storage when compared with standard H.265.

The camera achieves vivid images, even in the most intense contrast lighting conditions, using industry-leading wide dynamic range (WDR) technology. For applications with both bright and low lighting conditions that change quickly, true WDR (120 dB) optimizes both the bright and dark areas of a scene at the same time to provide usable video.

The camera allows for $\pm 25\%$ input voltage tolerance, suitable for the most unstable conditions for outdoor applications. Its 2KV lightning rating provides effective protection for both the camera and its structure against lightning. Subjected and certified to rigorous dust and immersion tests (IP67) and impact tests (IK10), The camera complies with an IK10 impact rating making it capable of withstanding the equivalent of 5 kg (11.02 lbs) of force dropped from a height of 40 cm (15.75 in.).

Features

- 1/2.7 4Megapixel progressive CMOS
- H.265 & H.264 triple-stream encoding
- Outputs max. 4MP (2688 - 1520)@30 fps
- WDR(120dB), Day/Night(ICR), 3DNR, AWB, AGC, BLC
- Perimeter Protection, Intelligent Motion Detect
- 2.7~13.5mm varifocal lens
- Starlight Support, Max IR LEDs Length 131ft
- Micro SD support up to 256GB, IP67, IK10, PoE

Camera Image Sensor 1/2.7" 4 Megapixel progressive CMOS Effective Pixels 2688(H) x 1520(V) RAM/ROM 512MB/128MB Scanning System Progressive Electronic Shutter Speed Auto/Manual 1/3 s-1/100000 s Minimum Illumination 0.005 Lux@F1.5 IR Distance Distance up to 40 m (131.23 ft) IR On/Off Control Auto / Manual IR LEDs 2 Lens Lens Type Motorized vari-focal Mount Type $\bar{\Gamma}$ 14 Focal Length 2.7mm~13.5mm Max. Aperture F1.5 Angle of View Pan: 104°~27° Tilt: 55°~15° Diagonal: 124°~31° Optical Zoom 5x Close Focus Distance 0.8 m~0.8 m (2.62 ft~2.62 ft) DORI Distance Lens Detect Observe Recognize Identify W 210 ft 84 ft 42 ft 21 ft, T 728 ft 291 ft 145 ft 72 ft Pan/Tilt/Rotation Pan/Tilt/Rotation Range Pan: 0° ~355° ; Tilt: 0° ~75° ; Rotation: 0° ~355° 0 Intelligence General IVS Tripwire; Intrusion Perimeter Protection Tripwire, Intrusion (Recognition of vehicle and people), fast moving, loitering detection, parking detection and people gathering Intelligent Motion Detect (iMD) Motion detection alarm for human and vehicle. Filters misinformation such as leaves and light. Video Compression H.265; H.264; H.264H; H.264B; MJPEG Streaming Capability 3 Streams Resolution 4M (2688 x 1520); 3M (2304 x 1296); 1080p (1920 x 1080); 1.3M

(1280 x 960); 720p (1280 x 720); D1 (704 x 576/704 x 480); VGA (640 x 480); CIF (352 x 288/352 x 240)Frame Rate
Main Stream (2688 x 1520@1-25/30 fps), Sub Stream (704 x 576@1-25/30 fps), Third Stream (1280 x 720@1 25/30
fps)Bit Rate Control CBR/VBRBit Rate H.264: 3 Kbps-8192 Kbps, H.265: 3 Kbps-8192 KbpsDay/Night Auto(ICR) / Color
/ B/WBLC Mode BLC / HLC / 120dB WDRWhite Balance Auto/natural/street lamp/outdoor/manual/regional customGain
Control Auto / ManualNoise Reduction 3D DNRMotion Detection Off / On (4 Zone, Rectangle)Region of Interest Off / On
(4 Zone)Smart IR SupportStarlight SupportFlip 0°/90°/180°/270° (Support 90°/270° with 1920 x 1080 resolution.)Mirror
Off / OnPrivacy Masking Off / On (4 Area, Rectangle)AudioCompression G.711a / G.711Mu / AAC /
G.726NetworkEthernet RJ-45 (10/100Base-T)Protocol IPv4;IPv6;HTTP;HTTPS;TCP;UDP;ARP;RTP;RTSP;RTCP;
RTMP;SMTP;FTP;SFTP;DHCP;DNS;DDNS;QoS;UPnP;N TP;Multicast;ICMP;IGMP;NFS;PPPoE;802.1x;SNMPCyber
Security Video encryption; firmware encryption; configuration encryption; Digest; WSSE; account lockout; security logs;
IP/MAC filtering; generation and importing of X.509 certification; syslog; HTTPS; 802.1x; trusted boot; trusted execution;
trusted upgradeInteroperability ONVIF(Profile S/Profile G);CGI, MilestoneStreaming Method Unicast / MulticastMax.
User Access 10 Users /20 UsersEdge Storage NAS Local PC for instant recording Micro SD card 256GBWeb Viewer
IE, Chrome, Firefox, SafariManagement Software SmartICRSS, DSSSmart Phone IOS,
AndroidCertificationsCertifications CE-LVD: EN62368-1 CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU
FCC: 47 CFR FCC Part 15, Subpart BUL/CUL: UL60950-1 CAN/CSA C22.2 No.60950-1-07InterfaceAudio In 1 channel
(RCA port)Audio Out 1 channel (RCA port)Alarm In 1 channel in: 5mA 3V-5V DCArm Out 1 channel out: 300mA 12V
DCElectricalPower Supply DC12V, PoE (802.3af)(Class 0)Power Consumption <8.5WEnvironmentalOperating
Conditions -30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RHStorage Conditions -40° C ~ +60° C (-40° F ~ +140°
F) / Less than 95% RHIngress Protection IP67Vandal Resistance IK10ConstructionCasing MetalDimensions
122mmx88.9mm(4.80"x3.50")Net Weight 492 g (1.1 lb)Gross Weight 663 g (1.5 lb)