

# G4-IPADE30A



## 3 Megapixel, Progressive Scan Aptina CMOS Sensor, Vandal-Proof, Weather-Proof IP Armor Dome Camera

### Technical Specifications



- **1/3" 3MP Progressive Scan Aptina CMOS Image Sensor**
- **High Performance Ambarella DSP**
- **H.264 & MJPEG Dual-Stream Encoding**
- **20FPS@3Mp, 30FPS@1080P**
- **20m IR LED Distance**
- **3.6mm Fixed Lens**
- **DWDR, AWB, AGC, BLC**
- **IP66 Ingress Protection**
- **12vDC / PoE (802.3af)**
- **Access via Built in Web Server, G4SS (SmartPhone) & PSS**
- **ONVIF Profile S**

<b>G4-IPADE30A</b>		<b>3 Megapixel IP-Camera</b>
<b>General</b>		
Sensor Type	1 / 3" 3 Megapixel Progressive Scan Aptina CMOS Image Sensor	
Digital Signal Processor	Ambarella	
Effective Pixels	2048 (H) x 1536 (V)	
Scanning System	Progressive	
Electronic Shutter Speed	Auto / Manual 1/4 - 1/10000s	
Lens	3.6mm Fixed Lens	
Field of View	Horizontal: 70°	
Minimum Illumination	0.01 Lux / F1.2 (Color); 0.005 Lux / F1.2 (B&W); 0 Lux / F1.2 (IR on)	
S/N Ratio	> 50dB	
Max IR LED Distance	20m	
Day / Night	Auto (ICR) / Color / B&W	
Backlight Compensation	BLC / HLC / DWDR (Digital WDR)	
White Balance	Auto / Manual	
Gain Control	Auto / Manual	
Noise Reduction	3DNR	
Privacy Masking	Up to 4 areas	
Local Storage	N/A	
Alarm Input / Output	N/A	
Image Resolution	3M (2048 x 1536), 1080p (1920 x 1080), 720p (1280 x 720), D1 (704 x 480), CIF (352 x 240)	
Frame Rate	Main Stream	3M (1 - 20fps); 1080p / 720p (1 - 30fps)
	Sub Stream	D1 / CIF (1 - 30fps)
Bit Rate	32 - 8192Kbps	
Compression	H.264 / MJPEG	
Audio Interface	N/A	
Audio Compression	N/A	
<b>Network</b>		
Network Interface	RJ-45 (10/100m)	
Network Functions	IPv4 / IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour	
ONVIF Compliance	ONVIF Profile S	
Max. User Access	20 users	
<b>Electrical</b>		
Power Requirements	DC12V, POE (802.3af)	
Power Consumption	< 5W	
<b>Environmental</b>		
Operating Temperature	-20°C - +60°C	
Operating Humidity	90% RH Max.	
Ingress Protection	IP66	
<b>Physical</b>		
Dimensions	114mm x 86mm	
Weight	1.7 lb approx.	
Shipping Weight	2 lbs approx.	