

## AN2616D-ADO1BCO

### 1/2" Sensor 2Mega ABF BOX IP Camera



(Lens is not included)

**SONY**  
**Exmor RS**

A-MTK "Auto Back Focus (ABF)" allows client to control lens zoom, focus, Day & Night auto focus remotely. Instead of being on-site, clients can just sit in front of their PC for lens adjustment. The P-iris feature empowers iris control, and make it more precisely and easily. AN2616D-AD is designed in 1/2" larger size image sensor. The sensitivity of illumination will be double than the standard sensor. It works in the low lux environment just as its name- "Candle Light".

#### Key Features

1. 2Mega@60fps high frame rate
2. 2Mega@30fps True WDR mode selectable
3. H.264 and MJPEG simultaneously
4. IVA functions built-in
5. Built in ICR for day & night surveillance
6. ABF and P-iris lens
7. Event trigger: DI, audio detection, camera tampering, object detection, face detection, cross line

Camera	
Image Device	1/2" size Sony Exmor™ image sensor,
Effective Pixels	1920x1080 pixels
Illuminator	0.001 lux (IMX140 is 0.01 lux)
Iris	Support DC drive Iris or P-iris lens
Lens Mount	C or CS mount
Focus	Auto Back Focus
ICR type	Mechanical
IP Module	
Video	
Video Encoder	H.264 and MJPEG simultaneously
Video Profile	Dual stream for WDR mode (Resolution Adjustable)

<b>Wide Dynamic Range</b>	<b>More than 100dB</b>
<b>Frame Rate</b>	Up to 60fps for 60fps mode Up to 30fps for WDR mode
<b>Exposure Control</b>	Auto / Auto Indoor / Manual Exposure (Manual mode : 1/2~1/10,000 seconds) Photometry Method : Average / Center / Spot / BLC / FLC
<b>Image Setting</b>	AE, AWB 3D Noise reduction <b>True WDR</b> Exposure value, Color, Hue , Brightness, Contrast, Sharpness, Mirror/Flip DIS Privacy masks <b>Pixel count</b>
<b>On Screen Display</b>	Text, time and date overlay <i>Editable OSD (bitmap format)</i>
<b>Area of Interest</b>	Higher quality in AOI area
<b>Streaming</b>	Simultaneously dual streaming Streaming over UDP, TCP, HTTP, or HTTPS M-JPEG streaming over HTTP (server push) Controllable frame rate and bandwidth Constant and variable bit rate (H.264)
<b>Audio</b>	
<b>Audio Encoder</b>	RTSP: G.711 64kbps, G.726 32kbps, AAC (option, by request)
<b>Audio Streaming</b>	One-way or two-way
<b>Microphone</b>	Built-in and external microphone
<b>Audio Output</b>	Adjustable audio output gain
<b>Network</b>	
<b>Supported Protocols</b>	IPv6, IPv4, TCP, UDP, HTTP, HTTPS, SMTP, FTP, NTP, DNS, DDNS, DHCP, DIPS, ARP, Bonjour, UPnP, RTSP, RTP, RTCP, IGMP, PPPoE, 3GPP, Samba, ICMP, SNMP
<b>Security</b>	Password protection, IP address filtering, HTTPS encrypted data transmission, user access log
<b>Users</b>	20 simultaneous unicast users
<b>Ethernet</b>	10/100/1000M auto negotiation
<b>System Integration</b>	
<b>SDK</b>	ONVIF Open API for software integration

<b>Event Detection</b>	<ul style="list-style-type: none"> <li>● External input (DI)</li> <li>● IVA trigger : Object Detection (Missing object), Camera tampering, Audio detection, Face Detection, Cross Line Detection (tripwire)Cross Line Detection</li> </ul>
<b>Object Detection</b>	Detection with Entrance , Desertion or Theft options
<b>Audio Detection</b>	Audio level 0-100
<b>Camera Tampering</b>	Camera dis-focus / move direction / mask
<b>Cross Line</b>	User defined two cross line , and user defined entrance direction
<b>Alarm Events</b>	<ul style="list-style-type: none"> <li>● File upload via FTP or email</li> <li>● File upload via Samba to NAS</li> <li>● Notification via email, HTTP, and TCP</li> <li>● External output activation</li> <li>● Audio alerting output</li> <li>● mSD card local storage</li> <li>● Push notify to smart phone apps</li> </ul>
<b>Video Buffer</b>	Pre- and post- alarm buffering
<b>General</b>	
<b>RAM</b>	384MB
<b>ROM</b>	256MB
<b>Power Supply</b>	12V DC external power adapter or AC24V
<b>PoE</b>	IEEE 802.3af class 3
<b>Power Consumption</b>	Max. 8W (12V DC in)
<b>Connectors</b>	RJ-45 10Base-T/100Base-TX/1000Base-T 12VDC power jack AC24V Terminal (option) 1 alarm input and 1 output RS485 Audio out External MIC input Factory default reset mSD card
<b>Indication LED</b>	Green and orange LEDs
<b>Operating Temperature</b>	0°C to 40°C
<b>Operating Humidity</b>	20% ~ 80% (non-condensing)
<b>Viewing System</b>	
<b>OS</b>	Windows® XP, Vista, 7, 8 , 8.1
<b>Browser</b>	IE 7.0 or later, Firefox 2.0 or later, Safari , Google Chrome



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<b>Video Player</b>	VLC, Quick Time, Real Player, Core Player
<b>Software</b>	
<b>Search &amp; Installation</b>	IP Wizard II
<b>Easy DDNS</b>	DIPS™
<b>Bundled NVR Program</b>	<b>64ch. SecuGuard™</b> <ul style="list-style-type: none"><li>* 64ch. multi-channel supports Tri-decoder</li><li>* 16ch. video playback (simultaneously)</li><li>* Smart &amp; scrollable digital zoom. Snapshot and edit</li><li>* Motion, DI, Scheduler recording</li><li>* Fast rewind and forward (MPEG4, H.264, MJPEG rewind)</li><li>* 32x24 motion detection grids</li><li>* Smart search (by time, by motion )</li><li>* E-MAP</li><li>* Event schedule setting</li><li>* Remote service</li><li>* Camera tampering</li></ul>
<b>Bundle Mobile Phone APPS</b>	SecuAngel (Android) and iVanguard (iOS)