Key Features

- 1/1.7” progressive scan CMOS
- 20fps @ 12MP (4000×3000)
- Multiple de-warping mode
- Image distortion correction
- Support camera & software de-warping
- DWDR, 3D DNR, ROI, Defog, HLC, IVS
- Smart IR up to 15 m
- IP66
## Specification

<table>
<thead>
<tr>
<th><strong>Camera</strong></th>
<th><strong>Audio</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Image Sensor</strong></td>
<td>G.711, RAW_PCM</td>
</tr>
<tr>
<td><strong>Effective Pixels</strong></td>
<td>1/1.7” Progressive Scan CMOS</td>
</tr>
<tr>
<td><strong>Electronic Shutter</strong></td>
<td>8kbps, 16kbps</td>
</tr>
<tr>
<td><strong>Min. illumination</strong></td>
<td>Auto/Manual, 1/5 ~ 1/20,000s</td>
</tr>
<tr>
<td><strong>S/N Ratio</strong></td>
<td>0.009 Lux @ (F1.2,AGC ON)</td>
</tr>
<tr>
<td><strong>Day/Night</strong></td>
<td>Color: 4000(H)×3000(V)</td>
</tr>
<tr>
<td><strong>Wide Dynamic Range</strong></td>
<td>B/W: 0 Lux @ (IR LED ON)</td>
</tr>
<tr>
<td><strong>IR Range</strong></td>
<td>Auto(ICR)</td>
</tr>
<tr>
<td><strong>IR On/Off Control</strong></td>
<td>DWDR</td>
</tr>
<tr>
<td><strong>Lens</strong></td>
<td>DWDR</td>
</tr>
<tr>
<td><strong>Lens Type</strong></td>
<td>Up to 15 m (49.2 ft)</td>
</tr>
<tr>
<td><strong>Iris</strong></td>
<td>Auto/Manual</td>
</tr>
<tr>
<td><strong>Focal Length</strong></td>
<td>Fixed</td>
</tr>
<tr>
<td><strong>F Number</strong></td>
<td>Fixed Iris</td>
</tr>
<tr>
<td><strong>Angle of View</strong></td>
<td>1.83 mm</td>
</tr>
<tr>
<td><strong>Focus Control</strong></td>
<td>F2.4</td>
</tr>
<tr>
<td><strong>Video</strong></td>
<td>180°×180°</td>
</tr>
<tr>
<td><strong>Max. Resolution</strong></td>
<td>Fixed</td>
</tr>
<tr>
<td><strong>Streaming Capability</strong></td>
<td>Fixed</td>
</tr>
<tr>
<td><strong>Stream/Frame Rate</strong></td>
<td>12MP (4000×3000)</td>
</tr>
<tr>
<td><strong>Bit Rate Control</strong></td>
<td>2 Streams</td>
</tr>
<tr>
<td><strong>Bit Rate</strong></td>
<td>Stream1: 3000 @20fps, 4096×2160, 3840×2160, 3000×3000, 2560×2560, 1920×1080 @25/30fps Stream2: 1280×960, D1, 720×720 @25/30fps</td>
</tr>
<tr>
<td><strong>Image Enhancement</strong></td>
<td>CBR/VBR</td>
</tr>
<tr>
<td><strong>White Balance</strong></td>
<td>Stream1: 500kbps<del>16000kbps Stream2: 100kbps</del>8000kbps</td>
</tr>
<tr>
<td><strong>Gain Control</strong></td>
<td>HLC/BLC/Defog</td>
</tr>
<tr>
<td><strong>Mirror</strong></td>
<td>Auto</td>
</tr>
<tr>
<td><strong>Noise Reduction</strong></td>
<td>Auto/Manual</td>
</tr>
<tr>
<td><strong>Aisle Mode</strong></td>
<td>Fixed Iris</td>
</tr>
<tr>
<td><strong>Region of Interest</strong></td>
<td>2D/3D DNR</td>
</tr>
<tr>
<td><strong>Motion Detection</strong></td>
<td>Support</td>
</tr>
<tr>
<td><strong>Privacy Masking</strong></td>
<td>Off/On (8 Zone, Rectangle)</td>
</tr>
<tr>
<td><strong>Network</strong></td>
<td>Support</td>
</tr>
<tr>
<td><strong>IP Range</strong></td>
<td>1 Ethernet (10/100 Base-T) RJ-45 Connector</td>
</tr>
<tr>
<td><strong>Alarm</strong></td>
<td>Built-in Micro SD slot, up to 128G</td>
</tr>
<tr>
<td><strong>Interface</strong></td>
<td>Built-in 1ch Mic</td>
</tr>
<tr>
<td><strong>Reset Button</strong></td>
<td>Built-in 1ch Mic</td>
</tr>
<tr>
<td><strong>Storage</strong></td>
<td>Support</td>
</tr>
<tr>
<td><strong>Management Software</strong></td>
<td>Support</td>
</tr>
<tr>
<td><strong>Certifications</strong></td>
<td>Support</td>
</tr>
<tr>
<td><strong>Casing</strong></td>
<td>IP66</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td>CE/FCC</td>
</tr>
<tr>
<td><strong>Interface</strong></td>
<td>Metal</td>
</tr>
<tr>
<td><strong>Electrical</strong></td>
<td>130 × 38.3 mm (Φ5.12” × 1.51”)</td>
</tr>
<tr>
<td><strong>Power Supply</strong></td>
<td>0.5 kg (1.10 lb)</td>
</tr>
<tr>
<td><strong>Power Consumption</strong></td>
<td>DC12V/POE (IEEE 802.3af)</td>
</tr>
<tr>
<td><strong>Operating Temperature</strong></td>
<td>Max 9 W</td>
</tr>
<tr>
<td><strong>Operating Humidity</strong></td>
<td>Starting Temperature: -30°C ~ 60°C (-22°F ~ 140°F)</td>
</tr>
<tr>
<td><strong>Ingress Protection</strong></td>
<td>Working Temperature: -40°C ~ 60°C (-40°F ~ 140°F)</td>
</tr>
<tr>
<td><strong>Certifications</strong></td>
<td>Less than 90% RH</td>
</tr>
<tr>
<td><strong>Casing</strong></td>
<td>ONVIF, SDK, CGI</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td>Metal</td>
</tr>
<tr>
<td><strong>Interface</strong></td>
<td>Web Viewer</td>
</tr>
<tr>
<td><strong>Electrical</strong></td>
<td>&lt;IE11, Chrome, Firefox</td>
</tr>
<tr>
<td><strong>Management Software</strong></td>
<td>SunView</td>
</tr>
<tr>
<td><strong>Certifications</strong></td>
<td>IVS</td>
</tr>
<tr>
<td><strong>Casing</strong></td>
<td>Intrusion, Single line crossing, Double line crossing, Loitering, Multi Loitering, Object Left, Object Removed, Abnormal Speed, Wrong way, Illegal Parking, Signal Bad</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td>IP66</td>
</tr>
<tr>
<td><strong>Interface</strong></td>
<td>Electrical</td>
</tr>
<tr>
<td><strong>Certifications</strong></td>
<td>Dimensions</td>
</tr>
<tr>
<td><strong>Casing</strong></td>
<td>Net Weight</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td>0.5 kg (1.10 lb)</td>
</tr>
</tbody>
</table>
Dimensions (mm)

Accessories

Optional:

SN-CBK645A  
Junction Box

SN-CBK623B  
Pendant Mount

SN-CBK627D  
Pole Mount