



<b>System</b>	<ul style="list-style-type: none"> <li>CPU: TI DM368 SoC</li> <li>Flash: 128MB</li> <li>RAM: 256MB</li> <li>Embedded OS: Linux 2.6</li> </ul>
<b>Lens</b>	<ul style="list-style-type: none"> <li>CS Lens Not Included (auto-iris function built in)</li> <li>Removable IR-cut filter for day &amp; night function</li> </ul>
<b>Field of View</b>	<ul style="list-style-type: none"> <li>.</li> <li>.</li> <li>.</li> </ul>
<b>Shutter Time</b>	<ul style="list-style-type: none"> <li>1/3 sec. to 1/32,000 sec</li> </ul>
<b>Image Sensor</b>	<ul style="list-style-type: none"> <li>1/2.7" CMOS sensor in 1920 x 1080 resolution</li> </ul>
<b>Minimum Illumination</b>	<ul style="list-style-type: none"> <li>0.08 Lux @ F1.2 (Color)</li> <li>0.001 Lux @ F1.2 (B/W)</li> </ul>
<b>IR Illuminators</b>	<ul style="list-style-type: none"> <li>.</li> <li>.</li> <li>.</li> </ul>
<b>Video</b>	<ul style="list-style-type: none"> <li>Compression: H.264, MJPEG</li> <li>Streaming: (Dual) Multiple simultaneous streams</li> <li>H.264 streaming over UDP, TCP, HTTP or HTTPS</li> <li>BNC Composite Video Output (720x576)</li> <li>MJPEG streaming over HTTP or HTTPS</li> <li>Supports activity adaptive streaming for dynamic frame rate control</li> <li>Supports video cropping for bandwidth saving</li> <li>Supports ePTZ for data efficiency</li> <li>Supports 3GPP mobile surveillance</li> <li>Frame rates:                             <ul style="list-style-type: none"> <li>H.264: Up to 30 fps at 1280x720</li> <li>Up to 30 fps at 1920x1080</li> </ul> </li> <li>MJPEG:                             <ul style="list-style-type: none"> <li>Up to 30 fps at 1280x720</li> <li>Up to 30 fps at 1920x1080</li> </ul> </li> </ul>
<b>Image Settings</b>	<ul style="list-style-type: none"> <li>Adjustable image size, quality and bit rate</li> <li>Time stamp and text caption overlay</li> <li>Flip &amp; mirror</li> <li>Configurable brightness, contrast, saturation, sharpness, white balance and exposure</li> <li>AGC, AWB, AES</li> <li>WDR enhanced, DNR (digital noise reduction)</li> <li>Focus assist (Networking)</li> <li>Automatic, manual or scheduled day/night mode</li> <li>BLC (Backlight Compensation)</li> <li>Supports privacy masks</li> </ul>
<b>Audio</b>	<ul style="list-style-type: none"> <li>Compression:                             <ul style="list-style-type: none"> <li>GSM-AMR speech encoding, bit rate: 4.75 kbps to 12.2 kbps</li> <li>MPEG-4 AAC audio encoding, bit rate: 16 kbps to 128 kbps</li> <li>G.711 audio encoding, bit rate: 64 kbps, µ-Law or A-Law mode selectable.</li> </ul> </li> <li>Interface:                             <ul style="list-style-type: none"> <li>Internal microphone built in</li> <li>Audio output</li> <li>Supports two-way audio</li> <li>Supports audio mute</li> </ul> </li> </ul>
<b>Networking</b>	<ul style="list-style-type: none"> <li>10/100 Mbps Ethernet, RJ-45</li> <li>Onvif support Ver: 1.02-3</li> <li>Protocols:                             <ul style="list-style-type: none"> <li>IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, and 802.1X</li> </ul> </li> </ul>

<b>Alarm and Event Management</b>	<ul style="list-style-type: none"> <li>Triple-window video motion detection</li> <li>Tamper detection</li> <li>One DI and one D/O for external sensor and alarm</li> <li>Event notification using HTTP, SMTP or FTP</li> <li>Local or FTP recording</li> </ul>
<b>Local Storage</b>	<ul style="list-style-type: none"> <li>Micro SD/SDHC card slot &amp; FTP Recording</li> <li>Stores snapshots and video clips</li> </ul>
<b>Security</b>	<ul style="list-style-type: none"> <li>Multi-level user access with password protection</li> <li>IP address filtering</li> <li>HTTPS encrypted data transmission</li> <li>802.1X port-based authentication for network protection</li> </ul>
<b>Users</b>	<ul style="list-style-type: none"> <li>Live viewing for up to 10 clients</li> </ul>
<b>Dimension</b>	<ul style="list-style-type: none"> <li>Camera: 125 mm x 53 mm x 82 mm</li> <li>.</li> <li>.</li> </ul>
<b>Weight</b>	<ul style="list-style-type: none"> <li>Net: 500 g</li> </ul>
<b>LED Indicator</b>	<ul style="list-style-type: none"> <li>System power and status indicator</li> <li>System activity and network link indicator</li> </ul>
<b>Power</b>	<ul style="list-style-type: none"> <li>12V DC</li> <li>Power consumption: Max. 6 W</li> <li>802.3af compliant Power-over-Ethernet (Class 3)</li> </ul>
<b>Housing</b>	<ul style="list-style-type: none"> <li>Box Metal housing</li> </ul>
<b>Approvals</b>	<ul style="list-style-type: none"> <li>CE, LVD, FCC, VCCI, C-Tick, UL</li> </ul>
<b>Operating Environments</b>	<ul style="list-style-type: none"> <li>Temperature: 0 °C ~ 50 °C (4°F ~ 122 °F)</li> <li>Humidity: 80% RH</li> </ul>
<b>Viewing System Requirements</b>	<ul style="list-style-type: none"> <li>OS: Microsoft Windows 7/Vista/XP/2000, Cell phone: 3GPP player</li> <li>Browser: Mozilla Firefox, Internet Explorer 6.x or above</li> </ul>



# Network Box Camera

# ICS-20W

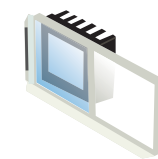
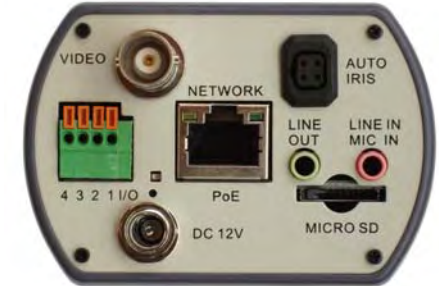
2-Megapixel • Full HD • WDR Enhanced



## ICS-20W Fixed Network Camera

2-megapixel • Full HD • A-iris • 3-DNR • WDR Enhanced

- 2.8 ~ 8 mm Vari-focal, **Fujinon Auto-iris Lens (YV2.82.8SA-SA2-L)**
- 1.8 mm Aspherical Fisheye, **Fujinon Lens (HF1.8HB-L1)**
- Up to 30 fps @ 1080p Full HD
- Removable IR-cut Filter for Day and Night Function
- 3-DNR Function (Digital Noise Reduction)
- Supports WDR Enhancement for Unparalleled Visibility in Extremely Bright or Dark Environments
- Real-time H.264 and MJPEG Compression (Dual Codec)
- Multiple Simultaneous Streams
- Video Cropping for Bandwidth Savings
- ePTZ for Data Efficiency
- Activity Adaptive Streaming for Dynamic Frame Rate Control
- Built-in 802.3af Compliant PoE
- Built-in SD/SDHC Card Slot for On-board Storage



\* Design and specifications are approximate and subject to change without notice.