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| <b>Model</b>                    | SN-IPD54/40VDN   |
| <b>Sensor</b>                   | Aptina 1/2.5" CMOS   |
| <b>Max Res./ Max Frame</b>      | 2592 x 1920 10fps  |
| <b>Min. Illumination</b>        | 0.5 Lux (Color) (0.02 Lux B/W) ( 0 Lux IR LED On)  |
| <b>CAMERA</b>                   |  |
| <b>Day / Night</b>              | True Day / Night with ICR Filter   |
| <b>Lens</b>                     | 3.3-12mm Vari-focal IR Corrected DC Auto IRIS  |
| <b>Horizontal Field of View</b> | 79.3° ~ 29.8°  |
| <b>Video Output</b>             | Internal Service RCA output for BNC Video with IP Address OSD  |
| <b>Electronic Shutter</b>       | Auto / User 1/5 - 1/50,000 ; 50/60Hz software selectable   |
| <b>VIDEO</b>                    |  |
| <b>Compression</b>              | H-264 High/Main/Base Profile. Stream1 H-264, or MJPEG.   |
| <b>Streaming</b>                | Stream1 Full Resolution, Stream2 VGA / D1 / CIF or QCIF selectable   |
| <b>Quality Setting (VBR)</b>    | 1 - 9 (9 Highest)  |
| <b>I Frame</b>                  | User selection value   |
| <b>Brightness / Sharpness</b>   | Variable 0~100 / 0~100   |
| <b>Gain Control</b>             | Auto / Fixed 8~102dB   |
| <b>Orientation</b>              | Horizontal Mirror / Vertical Flip  |
| <b>Text Overlay</b>             | Time / Date / Camera / Custom OSD  |
| <b>Masking</b>                  | 5 User defined masking areas < 8% of total picture   |
| <b>NETWORK</b>                  |  |
| <b>Ethernet</b>                 | 1 Ethernet (10/100 Base-T) RJ45 Connector  |
| <b>TCP/IP</b>                   | IPv4 / IPv6 (DHCP / Fixed)   |
| <b>Compliance</b>               | Onvif v2.2 (Profile S)   |
| <b>RTSP Video</b>               | Standard RFC2326, Support Quicktime / VLC Player. User security authentication (Enabled / Disabled)  |
| <b>Web Language</b>             | English, Chinese, Russian, Polish  |
| <b>Recording</b>                | Local Micro SD Memory, Remote FTP server, TCP/UDP CMS, RTSP connection .   |
| <b>Network Protocols:</b>       | HTTP, TCP/IP, UDP/IP, RTSP, FTP, DHCP, NTP, PPPoE, NTP. Unicast and Multicast supported. Video streaming from SDK & NVMS / NVR software or 3rd party |
| <b>AUDIO</b>                    |  |
| <b>Input / Output</b>           | Inbuilt Microphone Cable 1 x RCA Input / 1 x RCA Output @ 1V Line Level  |
| <b>Audio Compression</b>        | G711 A-law, G711 u-law , RAW_PCM   |
| <b>GENERAL</b>                  |  |
| <b>Power</b>                    | 12V DC / PoE 802.3af Class 2 Max 5.1W  |
| <b>Temperature</b>              | Operating: 14°F to 131°F (-10°C to 55°C) Storage: -4°F to 140°F (-20°C to 60°C)  |
| <b>Operating Humidity</b>       | 10% - 85% RH   |
| <b>Approvals</b>                | CE / FCC / RoHS Compliant  |
| <b>Dimensions</b>               | 130 x 112 mm ( 5.1 x 4.4 )   |
| <b>Product Weight</b>           | 0.45kg / 1lb   |