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**PBENV4K85**

## Portable Extreme Night Vision Camera

PBENV4K85 is a new generation of high definition (4096 × 2160 @30fps) cooled color imager, capable of continuous output of clear real color full HD 4K images under starlight conditions of 0.0008Lux @ (F0.95,ISO:600000), the picture is clear and smooth. It uses the latest photoelectric sensing technology to provide a full range of ideal images, especially designed for those requiring large area surveillance in very low light conditions.

# Specification

Item	Specification
Video compression standard	H.265 / H.264 / MJPEG
Effective resolution	4096 × 2160 @ 30fps
Pixel zoom	It is equivalent to 1280 x 1024 (1.31 million) 6X pixel zoom. Up to 640 (330000) equivalent 24X pixel zoom can be achieved.
Minimum illumination	color : 10 <sup>-3~4</sup> Lux
Low light frame rate lower limit	1-20fps optional
Video resolution	Main stream : 3840 x 2160, 1920 x 1080 Sub stream: 1280 x 720, 640 x 360 MJPEG: 1280 x 720, 640 x 360
Network protocol	TCP/IP, ICMP, HTTP, FTP, DHCP, DNS, RTP, RTSP, RTCP, NTP, SMTP, UDP
The network interface	1pc RJ45 10M/100M/1000M Adaptive Ethernet port

# Image

Image set	Brightness, sharpness, contrast, saturation, chroma, exposure, exposure compensation, white balance and more can be adjusted through the browser
Scene	<ul style="list-style-type: none"> <li>• Normal : in the daytime or with light</li> <li>• Low illumination : no light or slight light</li> <li>• WDR : with strong light interference</li> </ul>
Digital image stabilization	support
Digital Defog	Support, adjustable intensity.
Operating temperature	Real time monitoring and control of camera operating temperature
Cooled technology	Active cooling
Auxiliary light	No active compensation light, environmental passive sensing

