

# WiseEye™

**Model: WE-ETH**

## Specification

<b>Processor:</b>	PXA270, 415MHz
<b>Memory:</b>	32MB FLASH, 16MB RAM
<b>Operating System:</b>	Linux, embedded web server
<b>Image Sensor:</b>	1/ 3.8" Color CMOS
<b>Effective Pixels:</b>	640x480
<b>Resolution:</b>	VGA - 640x480
<b>Minimum Illumination:</b>	1 LUX
<b>Detection Range:</b>	Human - 80-100 meter Vehicle - 150-200 meter
<b>Aperture:</b>	2.8
<b>FOV (Diagonal):</b>	60°
<b>FOV (Horizontal):</b>	50°
<b>Night Vision:</b>	Visible low light
<b>Interface protocols:</b>	TCP, UDP, HTTP
<b>Communication Interface:</b>	Ethernet 10/100MB/s, 1 RJ45 port
<b>Output Alert Format:</b>	JPEG
<b>Alert markup:</b>	On image graphic overlay
<b>Setup and Configuration:</b>	Remote over WAN through web browser
<b>Scene learning:</b>	Within 30 seconds
<b>Power Requirement:</b>	12vdc +/- 10%
<b>Required view conditions:</b>	Operate under rain, wind, snow, fog, behind glass window
<b>Power Consumption</b>	Wired – 2 Watt, Wireless - 4 Watt
<b>Operating Temp. Range:</b>	-20°C + 50°C
<b>Unit Weight:</b>	~150 gram
<b>Unit Dimensions:</b>	100 x 62 x 23 mm
<b>Environmental Rating:</b>	Weather proof, IP66

