

# Advanced Cameras for use with PowerLink

## Cam3200 - Wireless Pan/Tilt Network Camera



### Image Sensor

Image sensor	1/4" color CMOS sensor
Minimum illumination	0.5 lux

### Lens

Lens type	Board lens
Aperture (F/No.)	1.8
Focus length	4.0 mm
View angle	64°

### Image Processing

Compression	MJPEG
Auto exposure control	Yes
Auto white balance	Yes
Auto gain control	Yes
Image resolution and frame rate	VGA (640 x 480): 30 fps QVGA (320 x 240): 30 fps QQVGA (160 x 120): 30fps

### System

Power	DC12V
Power consumption	9 watts maximum
Environment	Operation: Temp. 0°C - 45°C Humidity: 20% ~ 85% non-condensing Storage: Temp. -15°C - 60°C Humidity: 0% ~ 90% non-condensing
Approvals	FCC/CE class B

### Communication

Ethernet	One RJ45 port; IEEE 802.3u compliant 10/100 Mbps fast Ethernet with Auto-MDIX
Antenna	External dipole antenna
Wireless security	WPA (TKIP)
Wireless	IEEE802.11b/802.11g wireless LAN

### Pan-Tilt

Pan range	+165° to -165°
Tilt range	+90° to -15°

### LEDs

Power LED	Orange
Link/Activity LED	Green

### Other

Night vision	IR LED with light sensor control
Reset functions	* System reboot * Reset full configuration to factory default values

# Advanced Cameras for use with PowerLink

## Cam3100 - Wireless Network Camera



### Image Sensor

<b>Image sensor</b>	1/4" color CMOS sensor
<b>Minimum illumination</b>	0.5 lux

### Lens

<b>Lens type</b>	Board lens
<b>Aperture (F/No.)</b>	2.6
<b>Focus length</b>	4.6 mm
<b>View angle</b>	60°

### Image Processing

<b>Compression</b>	MJPEG
<b>Auto exposure control</b>	Yes
<b>Auto white balance</b>	Yes
<b>Auto gain control</b>	Yes
<b>Image resolution and frame rate</b>	VGA (640 x 480): 30 fps QVGA (320 x 240): 30 fps QQVGA (160 x 120): 30 fps

### System

<b>Power</b>	DC5V
<b>Power consumption</b>	6 watts maximum
<b>Environment</b>	Operation: Temp. 0°C - 45°C Humidity: 20% ~ 85% non-condensing Storage: Temp. -15°C - 60°C Humidity: 0% ~ 90% non-condensing
<b>Approvals</b>	FCC/CE class B

### Communication

<b>Ethernet</b>	One RJ45 port; IEEE 802.3u compliant 10/100 Mbps fast Ethernet with Auto-MDIX
<b>Antenna</b>	External dipole antenna
<b>Wireless security</b>	WPA (TKIP)
<b>Wireless</b>	IEEE802.11b/802.11g wireless LAN

### LEDs and Buttons

<b>Power LED</b>	Orange
<b>Link/Activity. LED</b>	Green
<b>Reset button</b>	Push and hold for more than 5 seconds: returns to factory default values

### Other

<b>Night vision</b>	IR LED with light sensor control
<b>Reset functions</b>	* System reboot * Reset full configuration to factory default values