

## HomePlug AV (200Mbps) > HD Home Monitoring Camera

The GigaFast HomePlug AV Home Monitoring operates on the HomePlug Powerline AV Specification standard, providing HD IP Video over home AC wiring. The solution comes with a PN928-EB1 (one of the smallest HomePlug AV Ethernet Bridge on the market) and the PC11 IP Camera. Combined with a broadband DSL/Cable connection, you can view HD Video of any room in your home or office at home or remotely over a high-speed Internet connection. Utilizing HomePlug's 200Mbps AV standards, the PC11 emits much lower radiation than competing wireless technologies, while offering better connectivity by sending signals via your home power lines. With a plug and play installation and our unique QR code pairing feature, the PC11 offers the best installation experience of any IP Camera on the market. There is no website configuration or long serial numbers to enter into software. All you do is just point your smart phone lens at the QR code on the back of the camera, and pairing is complete.

Like all of our HomePlug AV products, this PC11 is equipped with 128-bit AES security encryption. Combining the private home power grid and the 128-bit AES security encryption, this PC11 is extremely secure compared to other technologies.



### Features

- HomePlug AV Powerline standard
- Unique Egg Shape with Rubber "Nest" base
- Compete with iPhone and Android APP
- QR Pairing Setup with HomePlug AV Plug and Play installation
- 12 high power infrared LED for night vision
- Local MicroSD card support for recording of video
- Security push button for software free configuration
- Optional Internal Speaker

### Specifications

Image Sensor	1/4" Progressive scan CMOS sensor
Lens	F2.0 / 3.6mm
Angle of View	81 degree Diagonal
Min Illumination	5 meter IR illumination distance
Video Compression	H.264
Resolutions	1280x720; 640x360; 320x180
Audio	Two-way (Half-duplex) via Microphone and Audio Out on Camera
Camera Storage	microSD/SDHC card slot
Users	4 simultaneous users
Standards	HomePlug AV
Network Interface	200Mbps power line port on PN928-EB1 and PC11 each
Security	128-bit AES link encryption with key management
Modulation Schemes	OFDM symbol modulation on line synchronization 1024/256/64/16/8 - QAM, QPSK, BPSK, ROBO carrier modulation
Frequency Band	2 ~ 28 Mhz
Operation Range	Estimated range of 300 meters in wall power lines
Operating Temperature	0°C to 40°C ambient temperature
Storage Temperature	-20°C to 70°C ambient temperature
Humidity	10 to 90% maximum (non-condensing)
Power Input	100 ~ 240V @ 50/60Hz internal
Power Connector	Embedded US / EU / UK / AU specifications
Certifications	HomePlug AV Powerline certification FCC Class B / CE mark / RoHs

### Application

