



**HOME SERIES**

PRODUCT DATA

Model: N1250  
N1253

## WI-FI COMPACT CAMERA FOR HOME AND OFFICE SURVEILLANCE

The BEWARD N1250/N1253 are compact network cameras designed for building a professional surveillance system. These cameras are equipped with high-sensitivity progressive scan CMOS sensor and built-in LED illumination, which automatically turns on in the low light to provide surveillance under low-light conditions making these cameras suitable for twenty-four-hour surveillance and allowing them to be installed in low-light areas.

The N1250/N1253 cameras are universal for use with either wired and wireless connection as these cameras allow connecting wirelessly with a built-in Wi-Fi module. Sometimes wireless connection is the only way to build a surveillance system, for example, where cable laying is impossible. Moreover, it saves money by avoiding the expense of cable laying. For the security, these cameras support encryption for superior data protection.

Like the other N series network cameras, the N1250/N1253 combine delivering high-quality images and effective bandwidth consumption since they support simultaneous MJPEG/MPEG-4 streaming. MPEG-4 encoder combines less bandwidth consumption and high image quality using maximum compression, thereby saving disk space and allowing these cameras to be effectively used in low-speed networks. MJPEG provides best image quality and uses minimum compression, but increases bandwidth consumption and requires more disk space.

The N1250/N1253 cameras have a built-in web server and offer a user friendly network interface in English providing easy and quick installation and setting of a surveillance system. Each package of N1250/N1253 contains a CD with professional multichannel software, which allows building an effective surveillance system.

*Built-in microphone  
and Wi-Fi 802.11 b/g  
module*

*High-sensitivity progressive  
scan CMOS sensor*

*Comes with 16 channel  
professional surveillance  
software*

*LED illumination for  
twenty-four-hour  
surveillance*

Model: N1250  
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**Compact camera  
with built-in Wi-Fi module**

www.beward.eu



## HOME SERIES

### PRODUCT DATA

- Progressive scan CMOS sensor
- Up to 640x480 resolution
- Up to 30 frames per second at 640x480
- Simultaneous MPEG-4/Motion JPEG streaming
- Alarm triggered and scheduled sending of files via e-mail and to FTP
- Recording to network attached storage without using software\*
- Wi-Fi 802.11b/g, WEP 64/128 bit, WPA/WPA2-PSK encryption
- Built-in microphone and line out
- Built-in multi-zone motion detection
- ONVIF v1.02 support
- Easy and user friendly interface

# Compact fixed camera with built-in Wi-Fi module

N1250/N1253

#### General properties

Model	N1250/N1253
Image sensor	1/4" progressive scan CMOS sensor
Sensitivity	0.5 lux @ F2.0 (0 lux when LED is on)
LED	6 LEDs (white), up to 5 meters
Shutter time	1/7.5 ~ 1/120 sec
S/N ratio	50 dB

#### Lens

Type	M12 with 4.0 mm focal distance, F2.0 (interchangeable)
Angle of view	48° horizontal (with the included lens)

#### Video

Resolution	640x480, 320x240, 160x120
Video streaming	Motion JPEG, MPEG-4 Part2 (ISO/IEC 14496-2) (simultaneous streaming)
Frame rate	Motion JPEG: up to 15 fps at all resolutions MPEG-4: up to 30 fps at all resolutions / 3GPP: up to 10 fps at 320x240, 160x120
Bit rate	Auto, fixed rate (5 presets). Fixed rate: MPEG-4: 64 kbps to 2 Mbps Motion JPEG: presets only / 3GPP: 16, 32, 48, 64, 128, 256 kbps
Image settings	Brightness, contrast, saturation, text overlay, privacy mask. Rotation: mirroring, flip, mirror + flip
Zoom	10x digital zoom

#### Audio

General	Two-way audio, external audio output, microphone
Compression	G.711 PCM, 8 kHz, 64 kbps

#### Network

Network connection	10BASE-T/100BASE-TX Auto-MDIX
Supported protocols	Bonjour, TCP/IP, DHCP, PPPoE, ARP, ICMP, FTP, SMTP, DNS, NTP, UPnP, RTSP, RTP, RTCP, HTTP, TCP, UDP, 3GPP/ISMA RTSP, ONVIF
Security	Multilevel user access with password protection, HTTPS encryption

#### Wireless communication

Standard	802.11b/g
Security	WEP 64/128 bit, WPA/WPA2-PSK encryption

#### Recording and triggers

Triggers	Multi-zone motion detection with threshold and sensitivity control
E-mail alert	Alarm triggered, scheduled, continuous (30 min to 24 h interval) sending of images or video*
Recording to NAS*	Continuous, scheduled, alarm triggered recording of video to a shared folder (Windows/Linux) or to a network attached storage
Uploading to FTP	Alarm triggered, scheduled, continuous (1 min to 24 h interval) uploading of images or video*

#### Installation/Setting

Operation	Professional 16 channel software for recording and monitoring (included) Software for searching and setting of IP cameras (included) Firefox, Safari, Internet Explorer 8.0 or later ONVIF v1.02 support
UPnP	Windows UPnP auto-discovery (XP SP3/Vista/Windows 7)
Users	5 simultaneous connections

#### Operation

Connectors	RJ-45 for Ethernet 10/100 Base-T Power connector, 3.5 mm jack for line out, reset button, antenna jack
Power	5 V DC, 0.81 A (direct current), 5 W max
Dimensions	63 x 104 x 35 mm
Weight	116.5 g (net weight)
Operating temperature	0 to +40°C
Casing	Plastic

#### Minimum requirements

Network interface card, Internet Explorer 8.0 or later	
Operation system Microsoft® Windows 2000, XP, Vista, Windows 7, Mac OS X Leopard 10.5	
Pentium 4 2.0 Ghz or equivalent AMD, 512 MB RAM / 64 MB RAM video card	

#### Package contents

Bracket	
Camera (lens pre-installed)	
Patch cord (1 m length)	
CD with software and user's manuals	
5 V DC, 1 A power supply (direct current)	
Quick installation guide	
Wi-Fi antenna	

\* available only for N1253.

Attention! When buying the product please check if its set is complete and inspect it for mechanical damages. Product specifications can be changed without preliminary notice.

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