# Panasonic
## ideas for life

## WV-NP1000
## Network Static Cameras

1 Megapixel resolution

Dual MPEG4 and JPEG digital signal output

Built in network interface

Auto Back Focus

Built in SD memory card slot for FTP backup

1 Mega-Pixel Colour Network Camera

**null**

## General

| | |
|---|---|
| **Type** | Mega Pixel Network Camera |
| **Pick-up Device** | 1/3-type interline transfer CCD |

## Effective Pixels

| | |
|---|---|
| **Horizontal** | 1296.0 |
| **Vertical** | 966.0 |

## Scanning Area [mm]

| | |
|---|---|
| **Horizontal** | 4.8 |
| **Vertical** | 3.6 |
| **Signal** | PAL |
| **Synchronization** | Internal (INT), Multiplexed Vertical Drive (VD2) |
| **Scanning Mode** | Full Scanning Mode: 12.5 fps progressive scan, Partial Scanning Mode: 25 fps 2:1 interlace scan |

## Scanning Frequency

| | |
|---|---|
| **Horizontal [KHz]** | 15.625 |
| **Vertical [Hz]** | 50.0 |

## Resolution

| | |
|---|---|
| **Horizontal** | 600 TV lines (Colour), 780 TV lines (B/W) |

| | |
|---|---|
| **Vertical** | - |
| **Dynamic Range** | - |
| **Signal-to-Noise Ratio** | 50 dB minimum (AGC: OFF) |
| **Minimum Illumination (Colour)** | 1.0 lux |
| **Minimum Illumination (B/W)** | 0.06 lux |
| **Weather Protection** | - |

## Power Source

| | |
|---|---|
| **Voltage AC [V]** | 220-240 |
| **Voltage DC [V]** | 0.0 |
| **Frequency [Hz]** | 50.0 |
| **Power Consumption [W]** | 10.5 |
| **PoE (Power over Ethernet)** | - |

## Ambient Operating Temperature [degrees C]

| | |
|---|---|
| **Minimum** | -10.0 |
| **Maximum** | 50.0 |

## Ambient Operating Humidity [%]

| | |
|---|---|
| **Minimum** | 0.0 |
| **Maximum** | 90.0 |

## Dimensions [mm]

| | |
|---|---|
| **Width** | 84.0 |
| **Height** | 83.0 |
| **Depth** | 197.5 |
| **Weight [kg]** | 0.97 |

## Main Functions

| | |
|---|---|
| **Controller Interface** | Coaxial multiplex/Ethernet |
| **Control Functions** | - |
| **Auto Gain Control (AGC)** | ON (LOW), ON (MID), ON (HIGH), OFF |
| **Zoom Speed** | - |
| **Focus Speed** | - |
| **Iris / Light Control** | ALC/ALC plus/ELC |
| **Shutter** | OFF (1/12.5), 1/25, 1/50, 1/60, 1/120, 1/250, 1/500, 1/1,000, 1/2,000, 1/4,000, 1/10,000 s |
| **Motion Detector** | ON/OFF selectable 4 areas |
| **Auto Focus** | Auto Back Focus |
| **Back Light Compensation (BLC)** | - |
| **Sensitivity Enhancement** | 32x max. (AUTO or FIX) |
| **White Balance** | ATW1/ATW2/AWC |
| **Adaptive Black Stretch** | - |

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| | |
|---|---|
| **Camera Title** | 16 alphanumeric characters |
| **Privacy Zone** | ON/OFF (8 zone settings) |
| **Image Stabilizer** | ON/OFF |
| **Colour/Mono Switching** | AUTO1/AUTO2/EXT/ON/OFF |
| **Language Setting** | English, German, French, Italian, Spanish, Russian, Chinese, Japanese |

## Lens

| | |
|---|---|
| **Type** | ALC lens drive, DC drive, CS-mount |
| **Zoom Ratio** | 5x with digital zoom |

## Network

| | |
|---|---|
| **Network Interface** | 10Base-T/100Base-TX, RJ45 connector |
| **Image Resolution** | JPEG: 1,296 x 960 / VGA (640 x 480 pixels) / QVGA (320 x 240 pixels), MPEG-4 VGA (640 x 480 pixels) / QVGA (320 x 240 pixels) |
| **Image Compression** | MPEG-4: (Image quality: LOW/NORMAL/FINE), (Transmission type: UNICAST/MULTICAST), JPEG: (Image quality: 10 steps), (Transmission type: PULL/PUSH) |
| **Image Refresh Rate** | 0.1 ips ~ 25 ips (Frame rate of JPEG will be limited when transmitting JPEG and MPEG-4 simultaneously) |
| **Audio Compression** | G.726 (ADPCM) 32 kbps / 16 kbps |
| **Bandwidth Control** | 64 kbps/ 128 kbps/ 256 kbps/ 512 kbps/ 1,024 kbps/ 2,048 kbps/ 4,096 kbps/ unlimited |
| **Supported Protocol** | TCP/IP, UDP/IP, HTTP, FTP, SMTP, DHCP, DNS, DDNS, NTP, SNMP, RTP |
| **Supported Operating System** | Microsoft Windows 2000 Professional SP4, Microsoft Windows XP Home SP2, Microsoft Windows XP Professional SP2 |
| **Supported Browser** | Internet Explorer 6.0 SP2 (Windows XP Home/Professional SP2), Internet Explorer 6.0 SP1 (Windows 2000 Professional SP4) |
| **FTP Client** | Alarm image transfer, periodic image transfer |
| **Multi Screen** | Images from 16 cameras can be displayed in 4 different Quad screens (JPEG only) or 16-screen (JPEG only) |
| **SD Memory Card Slot** | Manual REC/Alarm REC/Backup upon network failure. Compatible SD card: Panasonic 64MB, 128MB, 256MB, 512MB, 1GB, 2GB model. SD-HC standard card not supported. |
| **Alarm Email** | Yes |
| **Time Date Display** | - |
| **Security Measures** | - |

## Input/Output

| | |
|---|---|
| **Video Output** | VBS: 1.0V [p-p]/ 75 Ohms composite signal, BNC connector |