# Panasonic
## ideas for life

## WJ-ND300A
## Network Video Recorder

32 Ethernet-linked network cameras

High image quality and frame rate

Full IP addressing to maximise flexibility and scalability

Built with the future in mind

Super simple setup

32 Channel Network Disk Recorder

## General

| Type | 32 Channel Network Disk Recorder |
|---|---|
| **Power Consumption** | 85W |
| **Power Source** | 220-240 V AC, 50 Hz |

## Ambient Operating Temperature [° C]

| Minimum | 5.0 |
|---|---|
| **Maximum** | 45.0 |

## Ambient Operating Humidity [%]

| Maximum | 85.0 |
|---|---|
| **Maximum Operating Altitude (m)** | 2000.0 |

## Dimensions [mm]

| Width | 420.0 |
|---|---|
| **Depth** | 350.0 |
| **Height** | 88.0 |
| **Weight** | 8.3 kg |

## Main Functions

| Recording Mode | Manual, Schedule, Emergency, External timer, Event |
|---|---|
| **Search Mode** | Time & date, record type, camera number, Text ON/OFF |

| | |
|---|---|
| **Multiscreen Mode** | - |
| **Pre-alarm Recording** | Up to 60 minutes. Dedicated HDD for Pre-alarm is required |
| **Image Download** | Recorded images can be downloaded to PC. Viewer software can be downloaded separately |
| **Camera Title** | On the browser, Up to 16 Characters |
| **Clock Display** | On the browser, Time: 12H/24H, Date: 3 formats |
| **Camera Control** | Pan/Tilt, Zoom, Brightness, Focus, Iris, Preset position (up to 256), Auto mode |
| **Digital Zoom** | Up to 4x |
| **System Logs** | Operator access (100), Network error (1,000), Error (100), Event (750, same as alarm log) |
| **Setup Method** | Administration software (English) |
| **Supplied HDD** | 250 GB |

## Alarm

| | |
|---|---|
| **Alarm Source** | Terminal inputs x 16, Camera alarm x 16, Panasonic alarm protocol |
| **Alarm Action** | Alarm recording, e-mail notification, Alarm message, Camera positioning, FTP image transfer, Terminal output, Panasonic alarm protocol output. |
| **Alarm Control** | Reset, Suspend |
| **Alarm Log** | 750 logs |

## Network

| | |
|---|---|
| **Network Interface** | Camera port: 10Base-T / 100Base-TX (RJ-45). Client port: 10Base-T / 100Base-TX (RJ-45) |
| **Maintenance Port** | 1x 10Base-T (RJ45) |
| **Supported OS** | Windows 200 Professional SP4 |
| | Windows XP Home/Professional SP2 |
| **Bandwidth** | Up to 97 Mbps |
| **Supported Protocol** | TCP/IP, UDP/IP, HTTP, FTP, SMTP, DHCP, DNS, DDNS, NTP, SNMP, RTP |
| **No. of Client at a Time** | 8 |
| **Security Method** | User authentication (ID and Password), Host authentication (IP address), Alteration detection |

## External Interface

| | |
|---|---|
| **Terminal Alarms** | 16x Terminal Input |
| | 16x Terminal Output |

## Alarm/Control Connector (25pin D-sub)

| | |
|---|---|
| **Alarm** | Available disk space on HDD copy/event recording area |
| | Alarm suspened |
| | Alarm reset |
| **Control** | Emergency recording input, time adjustment input/output, External recording mode switching, +5 V output |
| **Error/Warning** | HDD error output |
| | Camera error output |
| | Error output |

## Input/Output

| | |
|---|---|
| **External Storage** | High speed serial interface, 480 Mbps, x1 |
| **Serial Connector** | RS-232C, x1 (9pin D-sub) |