

**NTSC** WJ-GXD400 (12 V DC, 100 ~ 240 V AC adapter attached)

**PAL** WJ-GXD400 (12 V DC, 100 ~ 240 V AC adapter attached)



## H.264/MPEG-4/JPEG Multi Channel High Definition Video Decoder for Megapixel i-Pro Network Surveillance System

WJ-GXD400 Multi Channel High Definition Video Decoder is equipped with a HDMI video interface and can provide 1x 4VGA (1,280 x 960) image with 2x VGA images in 3 split screen or 6x VGA images in 6 split screen simultaneously. This feature allows precise identification and multi-screen capabilities taking full advantage of a 1,920 x 1,080 high definition display in a manner tailored to the application requirement. Each of VGA images can be displayed at 30 or 25 frames/sec. (NTSC/PAL) so that no critical moment will be lost.

### Key Features

- Equipped with a HDMI interface supporting 1,920 x 1,080 display size
- 1x 4VGA (1,280 x 960) image with 2x VGA images or 6x VGA images can be displayed in a split screen.
- Each of VGA images can be displayed at 30 or 25 frames/sec. (NTSC/PAL).
- Up to 256 cameras, including cameras connected to the i-Pro Network Video Encoder (WJ-GXE500/WJ-NT304/WJ-NT314), can be registered.
- Supports tour sequence and group sequence
- Up to 64 camera groups can be registered and called up in response to power on, group sequence and schedule program.
- Supports camera site alarm signal: Alarm indication can be displayed and alarm terminal output can be activated.
- Supports Multicast/Unicast for efficient network usage
- Single channel audio decoding G.726
- Schedule function: Pre-programmed display mode with camera assignment can be activated by time schedule.
- Selectable Multiscreen border color: White / Gray / Black / OFF
- High speed network interface (100Base-TX / 1000Base-T) and maintenance port (10Base-T)
- Setup can be made by the browser GUI.

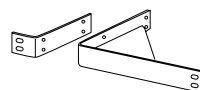
- Superior reliability with an embedded OS
- Installation flexibility and reliability with -10 °C to +50 °C (14 °F to 122 °F) operating temperature range

### Standard Accessories

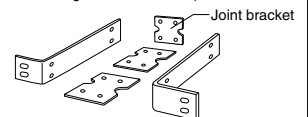
• Operating Instructions .....	1 pc.	• Code label .....	1 pc.
• CD-ROM* .....	1 pc.	• Power cord (NTSC model) .....	1 pc.
The followings are for installation.		• Power cord (PAL model) .....	1 pc.
• AC adapter .....	1 pc.	* The CD-ROM contains the operating instructions (PDFs).	

### Optional Accessories

EIA 48.26 cm (19 inch) Rack Mount Bracket  
**WV-Q204/1S**  
(for mounting one WJ-GXD400)



EIA 48.26 cm (19 inch) Rack Mount Bracket  
**WV-Q204/2S**  
(for mounting two WJ-GXD400)



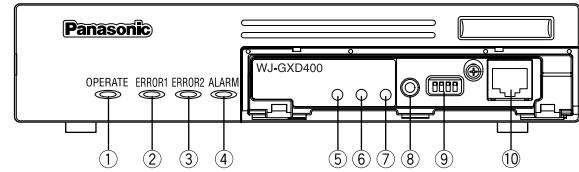
\* Only 3 pieces of joint brackets are necessary.  
One piece of joint bracket will be unnecessary.

## Specifications

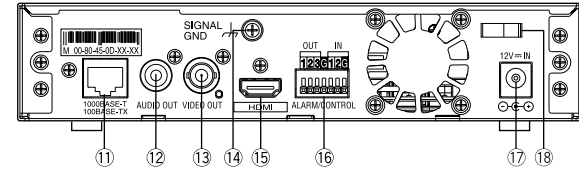
TV System	NTSC	PAL	
<b>Supported Cameras</b>	Supported Cameras	Panasonic i-Pro series Network cameras	
	Supported Encoders	Panasonic i-Pro series Encoders	
	Supported Image Format	H.264, MPEG-4, JPEG (Multi-decoding)	
	Supported Image Resolution	1,280 x 960, 640 x 480, 320 x 240	1,280 x 960, 640 x 480, 320 x 240, 768 x 576 (trimmed to 640 x 480)
	Supported Audio Format	G.726 (ADPCM) 32 kbps / 16 kbps	
<b>Audio/Video Output</b>	No. of Camera Registration	256	
	HDMI	1,920 x 1,080: 1x 4VGA (1,280 x 960) with 2x VGA or 6x VGA 30 frames/sec., Audio supported	1,920 x 1,080: 1x 4VGA (1,280 x 960) with 2x VGA or 6x VGA, 25 frames/sec., Audio supported
	Composite Video	NTSC composite video, 1x BNC connector	PAL composite video, 1x BNC connector
<b>Display Mode</b>	Audio	1x RCA pin jack	
	Camera Group	Up to 64 Camera groups are available	
<b>OSD</b>	Tour Sequence	Up to 64 steps, 10 patterns. Dwell time: 3 / 5 / 10 / 15 / 20 sec.	
	Group Sequence	Up to 64 steps, 10 patterns. Dwell time: 3 / 5 / 10 / 15 / 20 sec.	
	Schedule	Up to 6 schedules	
	Display Pattern	Up to 4 display patterns : Single, 3-Screen (primary screen on the left), 3-Screen (primary screen on the right), 6-Screen	
	Display ID	Up to 4 alphanumeric characters	
<b>User Management</b>	Camera Title	Up to 16 alphanumeric characters	
	Optional Information	Up to 32 alphanumeric characters x 2 lines	
	Time & Date Display	ON/OFF, Time: 12 H/24 H, Date: 5 formats	
	Information Display	Alarm information, Error information	
	Border Line	OFF/ON (Black / Gray / White)	
<b>Browser GUI for SETUP and Maintenance</b>	User Authentication	Up to 32 users, 2 access levels	
	Host Authentication	Up to 32 hosts	
<b>Alarm / Error</b>	Setup Menu Language	English / French / Spanish / German / Italian / Russian / Japanese	
	System Log	Error log (100), Network log (1,000)	
	Supported OS	Microsoft® Windows Vista® Business 32 bit, Microsoft® Windows® XP Home/Professional SP2	
	Supported Browser	Windows® Internet Explorer® 7.0 (Microsoft® Windows Vista® Business 32 bit), Microsoft® Internet Explorer® 6.0 SP2 (Microsoft® Windows® XP Home/Professional SP2)	
<b>Network</b>	Alarm Source	Panasonic alarm command via network	
	Alarm Action	Alarm message, Alarm frame, Terminal output, Alarm LED	
	Alarm Reset	Auto reset, Reset command, Reset terminal input	
	Error	Error message, Terminal output, Error1 / Error2 LED	
	Network Interface	100Base-TX / 1000Base-T, RJ-45 Connector	
<b>External IF</b>	Maintenance Port	10Base-T, RJ-45 Connector	
	Supported Protocol	TCP/IP, UDP/IP, HTTP, RTP, DHCP, DNS, DDNS, NTP	
	Multicast	Yes	
<b>General Specifications</b>	Terminal	Alarm reset input, Alarm output, Error output	
	Network	CGI Command I/F	
	Safety/EMC Standard	UL (UL60065), FCC (Part15 ClassA), C-UL (CAN/CSA C22.2 No.60065), DOC (ICES003 ClassA)	CE (EN60065, EN55022 ClassB, EN55024)
	Power Source / Consumption	12 V DC 1.4 A (AC adapter for AC 100 ~ 240 V 50/60 Hz attached)	
	Ambient Operating Temperature	-10 °C ~ +50 °C (14 °F ~ 122 °F)	
	Ambient Operating Humidity	90 % or less (without condensation)	
	Dimensions	210 mm x 44 mm x 307 mm (8-1/4" x 1-3/4" x 12-1/16")	
	Weight (approx.)	2.0 kg (4.4 lbs.)	

## Part Names and Functions

### Front View

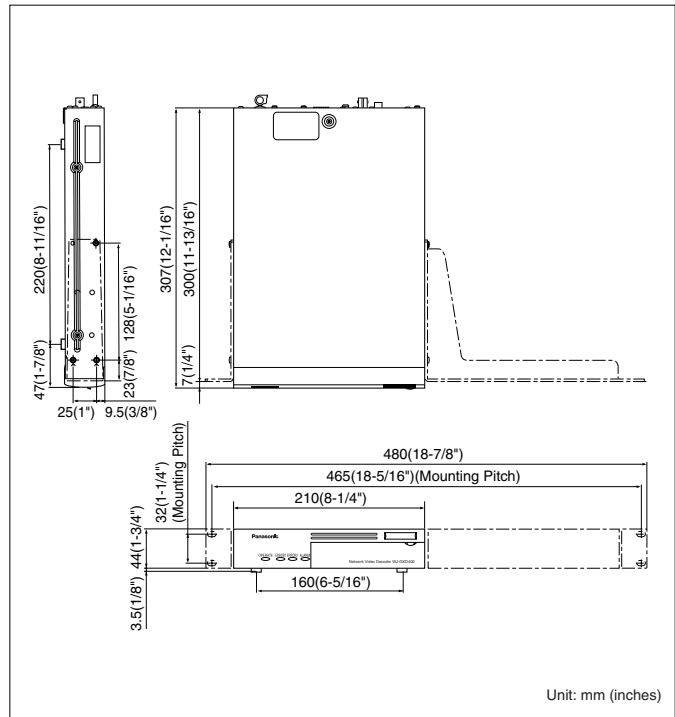


### Rear View



- |                        |                           |
|------------------------|---------------------------|
| ① Operation Indicator  | ⑩ Maintenance Port        |
| ② Error 1 Indicator    | ⑪ Network Port            |
| ③ Error 2 Indicator    | ⑫ Audio Output Connector  |
| ④ ALARM Indicator      | ⑬ Video Output Connector  |
| ⑤ LINK/ACT Indicator   | ⑭ SIGNAL GND Terminal     |
| ⑥ 100BASE-TX Indicator | ⑮ HDMI Terminal           |
| ⑦ 1000BASE-T Indicator | ⑯ Alarm/Control Terminals |
| ⑧ Reset Switch         | ⑰ Power Connector         |
| ⑨ Mode Switches        | ⑱ Cable Clamp             |

## Appearance



### Trademarks and registered trademarks

- Microsoft, and Windows are registered trademarks of Microsoft Corporation in the U.S. and other countries.
- "Super Dynamic", "SDII", "SDIII" and "i-Pro" logos are trademarks or registered trademarks of Panasonic Corporation.

### Important

- Safety Precaution: carefully read the operating instructions and installation manual before using this product.
- Panasonic can not be responsible for network performance and/or other manufacturer products that reside on the network.

- All TV pictures are simulated.
- Weights and dimensions are approximate.
- Specifications are subject to change without notice.
- These products may be subject to export control regulations.
- All product pictures are NTSC models.

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