



KX-NTV150 AND KX-NTV160

SMART VISUAL AND VOICE COMMUNICATION

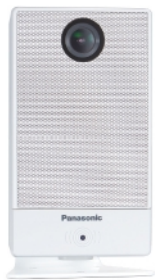
The new and versatile KX-NTV series allows users to engage with visitors and employees using combined HD video and audio channels, thanks to a built-in camera, speakerphone and web viewer features.

Both models also deliver surveillance and recording features, and the ability to connect to mobile devices remotely and on demand. Due to wireless connectivity capabilities, the KX-NTV150 is both portable and extremely easy to set up in any location. With an IP43 rating, which includes dust and rain protection, the KX-NTV160 is ideal for protected outdoor use. In addition, both products can connect to Panasonic PBX systems (KX-NS and KX-NSX) to become part of your overall communication suite.

Overall key features

- Built-in speaker, microphone and camera
- Ability to record audio with HD video
- Integration with Panasonic PBX (KX-NS and KX-NSX series) and mobile devices
- Motion, voice and tampering detection
- Built-in PoE. Easy installation and maintenance

PRODUCT GUIDE AND SPECIFICATIONS



KX-NTV150 with stand (included)



KX-NTV160



KX-NTV150

Some models will be available to limited countries. The images shown of products display and lamps are composite images. Weights and dimensions are approximate. Design and specification subject to change without notice. These products may be subject to export control regulations.

Wi-Fi is registered trademark of the Wi-Fi Alliance. Adobe, PostScript and PostScript 3 are either registered trademarks or trademarks of Adobe Systems Incorporated in the United States and/or other countries. Windows, Windows Vista and Windows Server are registered trademarks of Microsoft Corporation in the United States and/or other countries. Mac and OS X are trademarks of Apple Inc., registered in the U.S. and other countries. Linux is the registered trademark of Linus Torvalds in the U.S. and other countries. Red Hat and Red Hat Enterprise Linux are registered trademarks or trademarks of Red Hat, Inc. in the United States and/or other countries. Ubuntu is a registered trademark or a trademark of Canonical Ltd. in the U.S. and other countries. Google and Google Cloud Print are trademarks or registered trademarks of Google, Inc. Design and specifications are subject to change without notice.

Model	KX-NTV150	KX-NTV160
GENERAL		
Status LED	Indicate communication camera status	Indicate video door phone status
Light Source LED	-	Emitting for visible in night, emitting color: "Warm-white"
Hardware Key	Call button: Make a call, WPS/Reset Button: for dual function trigger of wireless connected by WPS or NTV150 reset	Call button: Make a call, Reset button: NTV160 reset
IP Protection	-	Equivalent of IP43 at installed condition
Dimension (W x H x D) mm	70.1 x 123.5 x 33.1	70.3 x 131.2 x 34
Weight	170g	260g
Body Color	White	Silver
Body Material	PC	ABS, Aluminum
Power Source use AC adapter (option parts)	AC input: 100V ~ 240V, 50/60Hz DC output voltage: +8.1V ~ +9.9V (Typ+9.0V) DC output current: Max.750mA	-
Power Source Use PoE	Based on IEEE802.3af,class2 (DC voltage: +36V ~ +57V)	
Power Consumption	Max. 3.9W	Max. 3.2W
Optional AC Adaptor	KX-A239	-
Ambient Temperature: Operating range	0°C ~ 40°C	-10°C ~ 50°C
Ambient Temperature: Storage range	-10°C ~ 50°C	
Ambient Humidity: Operating and Storage range	20% ~ 90% (no condensation)	
Installation Method	put on the desk, fixed by stand,	wall mount
CAMERA BLOCK		
Lens		
Type	Fixed-focal	
Focal Length	f=2.8	
Aperture	F=1.8	
Focus Range	∞ ~ 0.2m	
Field of View (Image aspect=4:3) (H x V x D)	92 horizontal x 70 vertical x 115 diagonal	
Field of View (Image aspect=16:9) (H x V x D)	92 horizontal x 52 vertical x 106 diagonal	
VIDEO (LIVE VIEW SETTINGS)		
Number of Stream	3 → Stream1 for RTSP, Stream2 for SIP and Stream3 for setting video motion detection, Thumbnail.	
Codec	Support H.264 and JPEG	
Resolution	1600x1200, 1280x960, 1280x720, 1024x768, 640x480, 640x360, 386x216, 352x288, 320x240,176x144	
Frame rate		
Maximum frame rate setting	5,8,10,12,15,20,25,30fps	
Maximum performance	{Stream1 and 2} H.264: 30fps@1600x1200 30fps@1280x720 MJPEG: 30fps@1600@1200 30fps@1280x720	
Video quality	{H.264}: CBR: 20K,30K,40K,50K,64K,128K,256K, 512K,768K,1M,2M,3M,4M,6M, 8Mbps, Customized (20 ~ 8000Kbps) VBR: Medium, Standard, Good, Detailed, Excellent, Customized (slide bar control) → (JPEG) (only for RTSP) same as H.264 menu except "Intra frame period"	
Intra frame period (H.264 only)	Setting by configuration menu on WEB access (Stream1 and 2) Select one : → 1/4,1/2,1,2,3,4 Sec	
AUDIO		
Microphone	Built-in MIC	
Speaker	Built-in Speaker	
Echo Canceller	Include function of echo canceller Half Duplex	
Codec	Support G.711, G.722 (Only for SIP), G.729a (Only for SIP) Setting by configuration menu on WEB access → select u-law or a-law, G.722 (Only for SIP), G.729a (Only for SIP)	
NETWORK		
Interface Port	10Base-T/ 100BaseTX (RJ-45) x1	
PoE	IEEE802.3af class.2	
Support OS, Support browser, Support protocol	Yes	
ONVIF	Support ver.2.4.2 (Video and Audio)	
WiFi		
TYPE	IEEE802.11 b/g/n 2.4GHz	-
Channel	1-13ch(for NE etc.except US)/1-11ch(for US)	-
Security (Encryption)	WEP(64bit/128bit), WPA(TKIP/AES), WPA2(TKIP/AES)	-
WPS	support	-
EXTERNAL INTERFACE		
Input port	1ch circuit type: use Photo Isolator → ground point isolated against external parts	
Output port	1ch circuit type: Open-Collector: output current : → Max. - 100mA, → applied voltage : Max. + 50V	

Panasonic
BUSINESS