

1077774 A NVR 20 IP Camera Compatibility Chart
NVR Firmware Version V1.3.0 Build 110413 (1.0Q)

IP Camera Manufacturer

Interlogix, GE Security

Model #	Compression	Style	Protocol	Tested Firmware	Motion Record	Resolutions	Frame Rates*	Data Rates	Bit Rate Type	Auto-Discovery	Audio	IP Alarm Input Support	IP Alarm Output Support	Notes
<u>CamPlus2</u> GEC-IP2B-P GEC-IP2D-P GEC-IP2VD-DNP	MPEG 4	VGA		1.00E2 1.00E2 1.00E1	Yes	VGA QVGA	MAX (only Full Frame Rate)	64kpbs 128kpbs 256kpbs 512kpbs 1024kpbs 1536kpbs 2048kpbs 3072kpbs 4096kpbs	Constant	Y	N	Y	N	1,4
<u>TruVision MpX (1.3 MpX)</u> TVC-M1120-1-N TVD-M1120V-3-N	H.264	1.3 MpX		101110	Yes	HD720P VGA	MAX (all) 22 (all) 20 (all) 18 (all) 16 (all) 15 (all) 12 (all) 10 (all) 8 (all) 6 (all) 4 (all) 2 (all)	Customize (32-8192kpbs) 2048Kbps 1792kpbs 1536kpbs 1280kpbs 1024kpbs 896kpbs 768kpbs 640kpbs 512kpbs 448kpbs 384kpbs 320kpbs 256kpbs	Constant or Variable	Y	Y	Y	Y	2, 5, 8
<u>TruVision MpX (2.0 MpX)</u> TVC-M2110-1-N TVD-M2110V-3-N TVD-M2110-2-N	H.264	2.0 MpX		101110	Yes	UXGA HD720P VGA 4CIF DCIF 2CIF CIF QCIF	MAX (up to 720P) 22 (up to 720P) 20 (up to 720P) 18 (up to 720P) 16 (up to 720P) 15 (up to 720P) 12 (up to 720P) 10 (all) 8 (all) 6 (all) 4 (all) 2 (all)	Customize (32-8192kpbs) 2048Kbps 1792kpbs 1536kpbs 1280kpbs 1024kpbs 896kpbs 768kpbs 640kpbs 512kpbs 448kpbs 384kpbs 320kpbs 256kpbs	Constant or Variable	Y	Y	Y	Y	2, 6, 8

Model #	Compression	Style	Protocol	Tested Firmware	Motion Record	Resolutions	Frame Rates*	Data Rates	Bit Rate Type	Auto-Discovery	Audio	IP Alarm Input Support	IP Alarm Output Support	Notes
<u>UltraView Encoder</u> UVE-101 <u>UltraView IP</u> UVC-IP-EVRDNR-VA2 UVC-IP-EVRDNR-VA2-P UVC-IP-EVRDNR-VA9 UVC-IP-EVRDNR-VA9-P UVD-IP-XP3DNR-VA2 UVD-IP-XP3DNR-VA2-P UVD-IP-XP3DNR-VA9 UVD-IP-XP3DNR-VA9-P	H.264	4CIF		4.2.1 HotFix	Yes	NTSC: 704x480 704x240 352x240 160x112 PAL: 704x576 704x288 352x288 176x144	NTSC: 30, 15, 7.5, 3.5, 2, 1, 0.5 PAL: 25, 12.5, 6.5, 3, 1.5, 1, 0.5	50Kpbs - 3Mbps	Constant	N	N	N	N	3, 7

Notes

- 1 Configure Motion (Activity) Detection and Regions of Interest (ROI) via IP Camera Browser Configuration directly on the camera. RECOMMEND enabling time/date overlay via the IP Camera Browser.
- 2 Full device configuration including time/date/title, activity detection region-of-interest, video mask and video tamper.
- 3 Device configuration ONLY via TruNavigator software. Only a single video stream profile is managed per UltraView device.
- 4 CamPlus2 cameras supports Auto-Discovery at initial power up (3 minutes). To re-establish go to IP camera browser to re-enable Auto Discovery.
- 5 1.3 MpX cameras require 2 channels per camera (i.e., 16 Channel NVR 20 with (1) 1.3 MpX Camera will have 14 channels/slots available for other cameras (16-2)
- 6 2.0 MpX camera requires only 2 channels per camera if 12.5/15FPS or less. Over 12.5/15FPS requires 4 channels/slots per camera.
- 7 **IMPORTANT:** These devices will only work with the NVR 20 if they are running 4.2.1 HotFix firmware. This can be found on the Interlogix website under <http://gesecurity.com/videoupdates>.
- 8 **IMPORTANT:** These devices will support **Main (Normal)** and **Main (Event)** streaming. The maximum resolution for **Main (Event)** streaming is determined by the **Main (Normal)** Resolution setting. Even if only Main (Event) Recording is used, the User must define the desired resolution in the Main (Normal) stream configuration. Main (Normal) and Main (Event) may have different frame rates and data rates. These cameras also support a **SubStream**. **SubStream** is only in CIF resolution and is only available for Live (Preview) viewing.

* Frame Rates are listed with supported resolutions. If (all), then that frame rate is supported for ALL resolutions. If a specific set of resolution is listed, then only those resolutions are available with that frame rate. MAX equals full available frame rate for the camera.

Resolution Guide	QXGA = 2048x1536 pixels	SXGA = 1280x1024 pixels	720P = 1280x720 pixels	4CIF = 704x576 pixels (PAL)	2CIF = 704x288 pixels (PAL)
	UXGA = 1600x1200 pixels	960P = 1280x960 pixels	SVGA = 800x600 pixels	4CIF = 704x480 pixels (NTSC)	2CIF = 704x240 pixels (NTSC)
	1080P = 1920x1080 pixels	XGA = 1024x768 pixels	D1 = 720x576 pixels	VGA = 640x480 pixels	QVGA = 320x240 pixels

Typical Factory Defaults

Model	Ip Address	Port	User Name	Password
CamPlus2: GEC-IP2B-P, GEC-IP2VD-P, GEC- IP2VD-DNP	192.168.0.10	80	admin	12345
TruVision MpX	192.168.1.70	8000	admin	1234
UVE-101	10.1.2.11	80	admin	admin
UVD-IP / UVC-IP	10.1.2.11	80	admin	admin

Model #	Compression	Style	Protocol	Tested Firmware	Motion Record	Resolutions	Frame Rates*	Data Rates	Bit Rate Type	Auto-Discovery	Audio	IP Alarm Input Support	IP Alarm Output Support	Notes
216MFD, 216MFD-V	MPEG 4	1.3 MpX	Axis	4.47.1	Yes	SXGA 720P XGA VGA	MAX (VGA) 20 (VGA) 13 (720P, XGA, VGA) 10 (720P, XGA, VGA) 8 (all) 5 (all)	512kpbs 1024kpbs 1536kpbs 2048kpbs 3072kpbs Customize	Constant or Variable	Y	N	Y	Y	1, 3
M1114	H.264	1.0 MpX	Axis	5.09	Yes	1280x800 720P XGA SVGA VGA QVGA QCIF	MAX (all) 20 (all) 15 (all) 10 (all) 5 (all)	512kpbs 1024kpbs 1536kpbs 2048kpbs 3072kpbs Customize	Constant or Variable	Y	N	N	N	1, 3
M3011	H.264	VGA	Axis	5.01.1	Yes	VGA QVGA QCIF	MAX (all) 20 (all) 15 (all) 10 (all) 5 (all)	512kpbs 1024kpbs 1536kpbs 2048kpbs 3072kpbs Customize	Constant or Variable	Y	N	N	N	1
M3014	H.264	1.0 MpX	Axis	5.21	Yes	1280x800 720P XGA SVGA VGA QVGA QCIF	MAX (all) 20 (all) 15 (all) 10 (all) 5 (all)	512kpbs 1024kpbs 1536kpbs 2048kpbs 3072kpbs Customize	Constant or Variable	Y	N	N	N	1, 3
P1346E	H.264	3 MpX	Axis	5.2	Yes	QXGA 1080P 720P XGA SVGA VGA QVGA QCIF	MAX (all) 20 (all) 15 (all) 10 (all) 5 (all)	512kpbs 1024kpbs 1536kpbs 2048kpbs 3072kpbs Customize	Constant or Variable	Y	N	Y	N	1, 4
P3301	H.264	VGA	Axis	5.11.2	Yes	VGA QVGA QCIF	MAX (all) 20 (all) 15 (all) 10 (all) 5 (all)	512kpbs 1024kpbs 1536kpbs 2048kpbs 3072kpbs Customize	Constant or Variable	Y	N	Y	N	1

Model #	Compression	Style	Protocol	Tested Firmware	Motion Record	Resolutions	Frame Rates*	Data Rates	Bit Rate Type	Auto-Discovery	Audio	IP Alarm Input Support	IP Alarm Output Support	Notes
P3304	H.264	1 MpX	Axis	5.2	Yes	1280x800 720P XGA SVGA VGA QVGA QCIF	MAX (all) 20 (all) 15 (all) 10 (all) 5 (all)	512kpbs 1024kpbs 1536kpbs 2048kpbs 3072kpbs Customize	Constant or Variable	Y	N	Y	N	1, 3
P3343	H.264	VGA	Axis	5.20.1	Yes	SVGA VGA QVGA QCIF	MAX (all) 20 (all) 15 (all) 10 (all) 5 (all)	512kpbs 1024kpbs 1536kpbs 2048kpbs 3072kpbs Customize	Constant or Variable	Y	N	Y	N	1
P3344	H.264	1 MpX	Axis	5.20.1	Yes	1280x800 720P XGA SVGA VGA QVGA QCIF	MAX (all) 20 (all) 15 (all) 10 (all) 5 (all)	512kpbs 1024kpbs 1536kpbs 2048kpbs 3072kpbs Customize	Constant or Variable	Y	N	Y	N	1, 3
M3014	H.264	1.0 MpX	ONVIF	5.21	No	720P D1 4CIF VGA 2CIF	24 (all) 23 (all) 6-22 (all)	32-3072kpbs Customize	Variable	N	N	N	N	2
P1346E	H.264	3 MpX	ONVIF	5.2	No	720P D1 4CIF VGA 2CIF	24 (all) 23 (all) 6-22 (all)	32-3072kpbs Customize	Variable	N	N	N	N	2, 4
P3301	H.264	VGA	ONVIF	5.11.2	No	D1 4CIF VGA 2CIF 1/2VGA QCIF	24 (all) 23 (all) 6-22 (all)	32-3072kpbs Customize	Variable	N	N	N	N	2

Model #	Compression	Style	Protocol	Tested Firmware	Motion Record	Resolutions	Frame Rates*	Data Rates	Bit Rate Type	Auto-Discovery	Audio	IP Alarm Input Support	IP Alarm Output Support	Notes
P3304	H.264	1.0 MpX	ONVIF	5.2	No	720P D1 4CIF VGA 2CIF	24 (all) 23 (all) 6-22 (all)	32-3072kbps Customize	Variable	N	N	N	N	2, 3
P3343	H.264	VGA	ONVIF	5.20.1	No	D1 4CIF VGA 2CIF 1/2VGA QCIF	24 (all) 23 (all) 6-22 (all)	32-3072kbps Customize	Variable	N	N	N	N	2
P3344	H.264	1 MpX	ONVIF	5.20.1	No	720P D1 4CIF VGA 2CIF	24 (all) 23 (all) 6-22 (all)	32-3072kbps Customize	Variable	N	N	N	N	2, 3

Notes

- 1 Configure Motion (Activity) Detection and Regions of Interest (ROI) via IP Camera Browser Configuration directly on the camera. RECOMMEND enabling time/date overlay via the IP Camera Browser.
 - 2 ONVIF Protocol does not support activity detection trigger to the NVR 20. RECOMMEND enabling time/date overlay via the IP Camera Browser.
 - 3 1.0 MpX cameras require 2 channels per camera (i.e., 16 Channel NVR 20 with (1) 1.3 MpX Camera will have 14 channels/slots available for other cameras (16-2)
 - 4 3.0 MPX camera requires 4 channels/slots per camera (i.e., 16-Channel NVR 20 with (1) 3MPX camera will have 12 channels/slots available for other cameras (16-4).
- * Frame Rates are listed with supported resolutions. If (all), then that frame rate is supported for ALL resolutions. If a specific set of resolution is listed, then only those resolutions are available with that frame rate. MAX equals full available frame rate for the camera.

IMPORTANT MOTION RECORDING SETUP NOTE (APPLIES TO ALL AXIS MODELS):

- A For the NVR 20 to receive motion event activation triggers, the Axis camera needs to have an Event Server defined that is the IP Address of the NVR 20 hosting the Axis IP Camera. Under Event Servers (Axis Browser) enter IP address of NVR 20. Set the **Port** address to **30960**.
- B Additionally, under Event Config > Event Types (Axis Browser), make sure the checkbox **Send TCP Notification** is checked and that the **Message** field has **#t** entered in the field.

Resolution Guide QXGA = 2048x1536 pixels SXGA = 1280x1024 pixels 720P = 1280x720 pixels 4CIF = 704x576 pixels (PAL) 2CIF = 704x288 pixels (PAL)
 UXGA = 1600x1200 pixels 960P = 1280x960 pixels SVGA = 800x600 pixels 4CIF = 704x480 pixels (NTSC) 2CIF = 704x240 pixels (NTSC)
 1080P = 1920x1080 pixels XGA = 1024x768 pixels D1 = 720x576 pixels VGA = 640x480 pixels QVGA = 320x240 pixels

Typical Factory Defaults

Model	Ip Address	Port	User Name	Password
All Axis Models	192.168.0.90	80	root	pass

Model #	Compression	Style	Protocol	Tested Firmware	Motion Record	Resolutions	Frame Rates*	Data Rates	Bit Rate Type	Auto-Discovery	Audio	IP Alarm Input Support	IP Alarm Output Support	Notes
AV1305	H.264	1.3 MpX	Arecont	65143	Yes	SXGA XGA VGA	MAX (all) 15 (all) 10 (all) 5 (all) 1 (all)	512kpbs 1024kpbs 2048kpbs 3072kpbs 4096kpbs Customize	Variable Only	Y	N	N	N	1, 2
AV1315	H.264	1.3 MpX	Arecont	65191	Yes	SXGA XGA VGA	MAX (all) 15 (all) 10 (all) 5 (all) 1 (all)	512kpbs 1024kpbs 2048kpbs 3072kpbs 4096kpbs Customize	Variable Only	Y	N	N	N	1, 2
AV1355	H.264	1.3 MpX	Arecont	65143	Yes	SXGA XGA VGA	MAX (all) 15 (all) 10 (all) 5 (all) 1 (all)	512kpbs 1024kpbs 2048kpbs 3072kpbs 4096kpbs Customize	Variable Only	Y	N	N	N	1, 2
AV2105DN	H.264	2.0 MpX	Arecont	65144	Yes	UXGA SXGA XGA VGA	MAX (SXGA, XGA, VGA) 24 (all) 10 (all) 5 (all) 1 (all)	512kpbs 1024kpbs 2048kpbs 3072kpbs 4096kpbs Customize	Variable Only	Y	N	N	N	1, 3
AV2155	H.264	2.0 MpX	Arecont	65143 65139	Yes	UXGA SXGA XGA VGA	MAX (SXGA, XGA, VGA) 24 (all) 10 (all) 5 (all) 1 (all)	512kpbs 1024kpbs 2048kpbs 3072kpbs 4096kpbs Customize	Variable Only	Y	N	N	N	1, 3
AV2805DN	H.264	2.0 MpX	Arecont	65192	Yes	1080P UXGA SXGA XGA VGA	MAX (all) 24 (all) 10 (all) 5 (all) 1 (all)	512kpbs 1024kpbs 2048kpbs 3072kpbs 4096kpbs Customize	Variable Only	Y	N	N	N	1, 3

Model #	Compression	Style	Protocol	Tested Firmware	Motion Record	Resolutions	Frame Rates*	Data Rates	Bit Rate Type	Auto-Discovery	Audio	IP Alarm Input Support	IP Alarm Output Support	Notes
AV2815	H.264	2.0 MpX	Arecont	65173 65191	Yes	1080P UXGA SXGA XGA VGA	MAX (all) 24 (all) 10 (all) 5 (all) 1 (all)	512kpbs 1024kpbs 2048kpbs 3072kpbs 4096kpbs Customize	Variable Only	Y	N	N	N	1, 3
AV3105	H.264	3.0 MpX	Arecont	65143	Yes	2048x1536 UXGA SXGA VGA	MAX (SXGA, VGA) 24 (UXGA, SXGA, VGA) 15 (all) 10 (all) 5 (all) 1 (all)	512kpbs 1024kpbs 2048kpbs 3072kpbs 4096kpbs Customize	Variable Only	Y	N	N	N	1, 3
AV3155	H.264	3.0 MpX	Arecont	65143	Yes	2048x1536 UXGA SXGA VGA	MAX (SXGA, VGA) 24 (UXGA, SXGA, VGA) 15 (all) 10 (all) 5 (all) 1 (all)	512kpbs 1024kpbs 2048kpbs 3072kpbs 4096kpbs Customize	Variable Only	Y	N	N	N	1, 3
AV5105	H.264	5.0 MpX	Arecont	65143	Yes	2560x1920 1080P SXGA VGA	MAX (1080P, SXGA, VGA) 24 (1080P, SXGA, VGA) 15 (all) 10 (all) 5 (all) 1 (all)	512kpbs 1024kpbs 2048kpbs 3072kpbs 4096kpbs Customize	Variable Only	Y	N	N	N	1, 3
AV5155	H.264	5.0 MpX	Arecont	65143	Yes	2560x1920 1080P SXGA VGA	MAX (1080P, SXGA, VGA) 24 (1080P, SXGA, VGA) 15 (all) 10 (all) 5 (all) 1 (all)	512kpbs 1024kpbs 2048kpbs 3072kpbs 4096kpbs Customize	Variable Only	Y	N	N	N	1, 3

Notes

- 1 Configure Motion (Activity) Detection and Regions of Interest (ROI) via IP Camera Browser Configuration directly on the camera. RECOMMEND enabling time/date overlay via the IP Camera Browser.
- 2 1.3 MpX cameras require 2 channels per camera (i.e., 16 Channel NVR 20 with (1) 1.3 MpX Camera will have 14 channels/slots available for other cameras (16-2))
- 3 2.0/3.0/5.0 MPX camera requires 4 channels/slots per camera (i.e., 16-Channel NVR 20 with (1) 5MPX camera will have 12 channels/slots available for other cameras (16-4)).

* Frame Rates are listed with supported resolutions. If (all), then that frame rate is supported for ALL resolutions. If a specific set of resolution is listed, then only those resolutions are available with that frame rate. MAX equals full available frame rate for the camera.

Resolution Guide QXGA = 2048x1536 pixels SXGA = 1280x1024 pixels 720P = 1280x720 pixels 4CIF = 704x576 pixels (PAL) 2CIF = 704x288 pixels (PAL)
 UXGA = 1600x1200 pixels 960P = 1280x960 pixels SVGA = 800x600 pixels 4CIF = 704x480 pixels (NTSC) 2CIF = 704x240 pixels (NTSC)
 1080P = 1920x1080 pixels XGA = 1024x768 pixels D1 = 720x576 pixels VGA = 640x480 pixels QVGA = 320x240 pixels

Model #	Compression	Style	Protocol	Tested Firmware	Motion Record	Resolutions	Frame Rates*	Data Rates	Bit Rate Type	Auto-Discovery	Audio	IP Alarm Input Support	IP Alarm Output Support	Notes
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Typical Factory Defaults

Model	Ip Address	Port	User Name	Password
All Arecont Models	Use AV100 Application Manager (200.168.100.10)	80	admin	admin

Arecont has its own proprietary discovery tool

Model #	Compression	Style	Protocol	Tested Firmware	Motion Record	Resolutions	Frame Rates*	Data Rates	Bit Rate Type	Auto-Discovery	Audio	IP Alarm Input Support	IP Alarm Output Support	Notes
TCM4301	H.264	1.3 MpX		4.08.05	No	SXGA 720P VGA	MAX (VGA) 24 (720P) 18 (SXGA) 15 (VGA) 13 (720P) 10 (VGA) 9 (SXGA) 8 (720P) 6 (all) 5 (720P, VGA) 4 (all) 3 (all) 2 (all) 1 (all)	512kpbs 1024kpbs 2048kpbs 3072kpbs 4096kpbs 5120kpbs 6144kpbs	Variable Only	Y	N	N	N	1, 2
TCM5311	H.264	1.25 MpX		4.08.05	No	960P 720P VGA	MAX (VGA) 24 (720P) 15 (all) 10 (720P, VGA) 8 (720P, VGA) 7 (960P) 6 (720P, VGA) 5 (all) 4 (720P, VGA) 3 (all) 2 (all) 1 (all)	512kpbs 1024kpbs 2048kpbs 3072kpbs 4096kpbs 5120kpbs 6144kpbs	Variable Only	Y	N	N	N	1, 2
TCM5611	H.264	1.3 MpX		4.08.05	No	SXGA 720P VGA	MAX (VGA) 24 (720P) 18 (SXGA) 15 (VGA) 13 (720P) 10 (VGA) 9 (SXGA) 8 (720P) 6 (all) 5 (720P, VGA) 4 (all) 3 (all) 2 (all) 1 (all)	512kpbs 1024kpbs 2048kpbs 3072kpbs 4096kpbs 5120kpbs 6144kpbs	Variable Only	Y	N	N	N	1, 2

Model #	Compression	Style	Protocol	Tested Firmware	Motion Record	Resolutions	Frame Rates*	Data Rates	Bit Rate Type	Auto-Discovery	Audio	IP Alarm Input Support	IP Alarm Output Support	Notes
TCM7411	H.264	1.3 MpX		4.08.05	No	SXGA 720P VGA	MAX (VGA) 24 (720P) 18 (SXGA) 15 (VGA) 13 (720P) 10 (VGA) 9 (SXGA) 8 (720P) 6 (all) 5 (720P, VGA) 4 (all) 3 (all) 2 (all) 1 (all)	512kpbs 1024kpbs 2048kpbs 3072kpbs 4096kpbs 5120kpbs 6144kpbs	Variable Only	Y	N	N	N	1, 2

Notes

- 1 RECOMMEND enabling time/date overlay via the IP Camera Browser.
- 2 1.3 MpX cameras require 2 channels per camera (i.e., 16 Channel NVR 20 with (1) 1.3 MpX Camera will have 14 channels/slots available for other cameras (16-2)

* Frame Rates are listed with supported resolutions. If (all), then that frame rate is supported for ALL resolutions. If a specific set of resolution is listed, then only those resolutions are available with that frame rate. MAX equals full available frame rate for the camera.

Resolution Guide QXGA = 2048x1536 pixels SXGA = 1280x1024 pixels 720P = 1280x720 pixels 4CIF = 704x576 pixels (PAL) 2CIF = 704x288 pixels (PAL)
 UXGA = 1600x1200 pixels 960P = 1280x960 pixels SVGA = 800x600 pixels 4CIF = 704x480 pixels (NTSC) 2CIF = 704x240 pixels (NTSC)
 1080P = 1920x1080 pixels XGA = 1024x768 pixels D1 = 720x576 pixels VGA = 640x480 pixels QVGA = 320x240 pixels

Typical Factory Defaults

Model	Ip Address	Port	User Name	Password
All ACTi Models	192.168.0.100	80	admin	123456

Model #	Compression	Style	Protocol	Tested Firmware	Motion Record	Resolutions	Frame Rates*	Data Rates	Bit Rate Type	Auto-Discovery	Audio	IP Alarm Input Support	IP Alarm Output Support	Notes
NS202A	MPEG4	VGA		65143	Yes	VGA QVGA	MAX (Only Full Frame Rate)	64kpbs 128kpbs 256kpbs 512kpbs 1024kpbs 2048kpbs 3072kpbs 4096kpbs	Constant	Y	N	Y	N	1, 2, 3
NS954	MPEG4	VGA		65191	Yes	VGA QVGA	MAX (Only Full Frame Rate)	64kpbs 128kpbs 256kpbs 512kpbs 1024kpbs 2048kpbs 3072kpbs 4096kpbs	Constant	Y	N	Y	N	1, 2, 3
WV-NF285	MPEG4	VGA		65143	Yes	VGA QVGA	MAX (Only Full Frame Rate)	64kpbs 128kpbs 256kpbs 512kpbs 1024kpbs 2048kpbs 3072kpbs 4096kpbs	Constant	Y	N	Y	N	1,3
WV-NP244	MPEG4	VGA		65144	Yes	VGA QVGA	MAX (Only Full Frame Rate)	64kpbs 128kpbs 256kpbs 512kpbs 1024kpbs 2048kpbs 3072kpbs 4096kpbs	Constant	Y	N	Y	N	1,3
WV-NW484S	MPEG4	VGA		65143 65139	Yes	VGA QVGA	MAX (Only Full Frame Rate)	64kpbs 128kpbs 256kpbs 512kpbs 1024kpbs 2048kpbs 3072kpbs 4096kpbs	Constant	Y	N	Y	N	1,3

Notes

- 1 Configure Motion (Activity) Detection and Regions of Interest (ROI) via IP Camera Browser Configuration directly on the camera. RECOMMEND enabling time/date overlay via the IP Camera Browser.
- 2 PTZ Camera functions are only controllable via TruNavigator software
- 3 All models support Auto-Discovery at initial power up (3 minutes). To re-establish go to IP camera browser to re-enable Auto Discovery.

Model #	Compression	Style	Protocol	Tested Firmware	Motion Record	Resolutions	Frame Rates*	Data Rates	Bit Rate Type	Auto-Discovery	Audio	IP Alarm Input Support	IP Alarm Output Support	Notes
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* Frame Rates are listed with supported resolutions. If (all), then that frame rate is supported for ALL resolutions. If a specific set of resolution is listed, then only those resolutions are available with that frame rate. MAX equals full available frame rate for the camera.

Resolution Guide QXGA = 2048x1536 pixels SXGA = 1280x1024 pixels 720P = 1280x720 pixels 4CIF = 704x576 pixels (PAL) 2CIF = 704x288 pixels (PAL)
 UXGA = 1600x1200 pixels 960P = 1280x960 pixels SVGA = 800x600 pixels 4CIF = 704x480 pixels (NTSC) 2CIF = 704x240 pixels (NTSC)
 1080P = 1920x1080 pixels XGA = 1024x768 pixels D1 = 720x576 pixels VGA = 640x480 pixels QVGA = 320x240 pixels

Typcial Factory Defaults

Model	Ip Address	Port	User Name	Password
All Panasonic Models	192.168.0.10	80	admin	12345