






## Contents

GV-IP Decoder Box Series -Optimal, Ultra, Plus.....	2
GV-IP Decoder Box Series-Lite, Box .....	4
GV-Pad / GV-Pad Mini .....	6
GV-IP Display 101 / 116 .....	8



## GV-IP Decoder Box Series -Optimal, Ultra, Plus

		GV-IP Decoder Box Optimal	GV-IP Decoder Box Ultra	GV-IP Decoder Box Plus
				
<b>Video</b>				
<b>Video Stream</b>		64	64	64
<b>Video Codec</b>		H.264 / H.265		H.264
<b>Audio Codec</b>		G.711		G.711
<b>Video Input Resolution</b>	<b>Single View</b>	3840 x 2160	3840 x 2160	2048 x 1944
	<b>Quad View</b>	Grid 1: 2560 x 1920; Other 3 grids: 1920 x 1080	Grid 1: 2560 x 1920 Other 3 Grids: 1920 x 1080	Grid 1: 2048 x 1944 Other 3 Grids: 1920 x 1080
	<b>6 View</b>	1280 x 720	1280 x 720	N/A
	<b>8 View</b>	1280 x 720	1280 x 720	Not supported
	<b>9 View</b>	1280 x 720	1280 x 720	1280 x 720
<b>Video Output at 60 Hz</b>	<b>HDMI</b>	3840 x 2160 / 1920 x 1080	720p, 1080p, 4K	720p, 1080p
	<b>VGA</b>	1920 x 1080	Not supported	1024 x 768
<b>Fisheye Dewarping</b>		No	No	Yes
<b>Network</b>				
<b>Interface</b>		10/100 Ethernet		10/100/1000 Ethernet
<b>Protocols</b>		ONVIF, RTSP, TCP		
<b>Wifi Support</b>		No	No	No
<b>Mechanical</b>				
<b>Control</b>		IR Remote / USB Mouse		USB Mouse
<b>GV-Joystick Supported</b>		GV-Joystick V2		GV-Joystick V2
<b>Connectors</b>	<b>Power</b>	12 V / 3 A DC Jack (Max. 36 W) / PoE IEEE 802.3af (Max. 15.4 W)		12 V / 3 A DC Jack (Max. 36 W)
	<b>Ethernet</b>	RJ-45		
	<b>Monitor Output</b>	HDMI, VGA	HDMI	HDMI, VGA
	<b>USB</b>	USB 2.0 x 2	USB 2.0 x 2, USB 3.0	USB 2.0 x 4
	<b>SD Card</b>	Micro SD / SDHC Card (Class 4 or above)		SD / SDHC Card (Class 6 or above)





	General		
<b>Operating Temperature</b>	0°C ~ 40°C (32°F ~ 104°F)		
<b>Operating Humidity</b>	20% ~ 80% (with no condensation)		
<b>Dimensions (W x H x D)</b>	162.3 x 112.6 x 36.4 mm (6.4" x 4.4" x 1.4")	152 x 34 x 102 mm (6" x 1.35" x 4.04")	162.3 x 34.4 x 107.6 mm (6.39" x 1.35" x 4.24")
<b>Weight</b>	558 g (1.23 lb)	500 g (1.10 lb)	555 g (1.22 lb)
<b>Regulatory Compliance</b>	CE, FCC, RCM, LVD, UKCA	CE, FCC, LVD, RCM	CE, FCC, LVD, RCM
<b>Language</b>	English / French / German / Italian / Japanese / Polish Portuguese / Russian / Spanish / Traditional Chinese	English, French, German, Italian, Japanese, Polish, Portuguese, Russian, Spanish, Traditional Chinese	English, French, German, Italian, Japanese, Portuguese, Russian, Spanish, Traditional Chinese

**Note:**

1. To ensure a smooth operation, the bitrate of each channel should be below 6 Mbps.
2. All specifications are subject to change without notice.



## GV-IP Decoder Box Series-Lite, Box

		GV-IP Decoder Box Lite	GV-IP Decoder Box
			
<b>Video</b>			
<b>Video Stream</b>		16	64
<b>Video Codec</b>		H.264	H.264
<b>Audio Codec</b>		G.711	Not supported
<b>Video Input Resolution</b>	<b>Single View</b>	1920 x 1080	2560 x 1920
	<b>Quad View</b>	1920 x 1080	1280 x 720
	<b>6 View</b>	N/A	N/A
	<b>8 View</b>	Not supported	Not supported
	<b>9 View</b>	Not Supported	Not Supported
<b>Video Output at 60 Hz</b>	<b>HDMI</b>	720p, 1080p	480p, 720p, 1080i, 1080p
	<b>VGA</b>	1024 x 768	640 x 480, 1024 x 768, 1280 x 768
<b>Fisheye Dewarping</b>		No	No
<b>Network</b>			
<b>Interface</b>		10/100/1000 Ethernet	10/100 Ethernet
<b>Protocols</b>		ONVIF, TCP	ONVIF, PSIA, RTSP, TCP
<b>Wifi Support</b>		No	Yes
<b>Mechanical</b>			
<b>Control</b>		USB Mouse	IR Remote
<b>GV-Joystick Supported</b>		GV-Joystick V2	GV-Joystick, GV-Joystick V2
<b>Connectors</b>	<b>Power</b>	12 V / 3 A DC Jack (Max. 36 W)	
	<b>Ethernet</b>	RJ-45	
	<b>Monitor Output</b>	HDMI, VGA	HDMI, VGA
	<b>USB</b>	USB 2.0 x 2	USB 2.0
	<b>SD Card</b>	Not Supported	SD / SDHC Card (Class 6 or above)





	<b>General</b>	
<b>Operating Temperature</b>	0°C ~ 40°C (32°F ~ 104°F)	
<b>Operating Humidity</b>	20% ~ 80% (with no condensation)	
<b>Dimensions (W x H x D)</b>	162.3 x 34.4 x 107.6 mm (6.39" x 1.35" x 4.24")	182.3 x 28.9 x 131 mm (7.18" x 1.14" x 5.16")
<b>Weight</b>	528 g (1.16 lb)	615 g (1.36 lb)
<b>Regulatory Compliance</b>	CE, FCC, LVC	CE, FCC
<b>Language</b>	English, French, German, Italian, Japanese, Portuguese, Russian, Spanish, Traditional Chinese	English

**Note:** All specifications are subject to change without notice.



## GV-Pad / GV-Pad Mini

		GV-Pad			GV-Pad Mini		
							
<b>Video</b>							
<b>Video Stream</b>		64			64		
<b>Video Codec</b>		H.264			H.264		
<b>Audio Codec</b>		Not supported			G.711		
<b>Video Input Resolution</b>	<b>Single View</b>	2560 x 1920			2048 x 1944		
	<b>Quad View</b>	1280 x 720			Top-left Grid: 2048 x 1944 Other 3 Grids: 1920 x 1080		
	<b>6 View</b>	N/A			N/A		
	<b>8 View</b>	N/A			N/A		
	<b>9 View</b>	Not Supported			1280 x 720		
<b>Video Output at 60 Hz</b>	<b>HDMI</b>	<b>Panel</b>	Size	13.3"	<b>Panel</b>	Size	10.1"
	<b>VGA</b>		Res.	1280 x 800		Res.	1280 x 800
<b>Fisheye Dewarping</b>		No					
<b>Network</b>							
<b>Interface</b>		10/100 Ethernet			10/100/1000 Ethernet		
<b>Protocols</b>		ONVIF, PSIA, RTSP, TCP			ONVIF, RTSP, TCP		
<b>Wifi Support</b>		Yes			No		
<b>Mechanical</b>							
<b>Control</b>		IR Remote			USB Mouse		
<b>GV-Joystick Supported</b>		GV-Joystick, GV-Joystick V2			GV-Joystick V2		
<b>Connectors</b>	<b>Power Adapter</b>	12V / 3A DC Jack (Max. 36 W)					
	<b>Ethernet</b>	RJ-45					
	<b>Monitor Output</b>	Panel					
	<b>USB</b>	USB 2.0			USB 2.0 x 2		
	<b>SD Card</b>	SD / SDHC Card (Class 6 or above)					
<b>Default Button</b>		Yes					
<b>General</b>							
<b>Operating Temperature</b>		0°C ~ 40°C (32°F ~ 104°F)					
<b>Operating Humidity</b>		20 % ~ 80 % (with no condensation)					




	<b>General</b>	
<b>Dimensions (W x H x D)</b>	342.8 x 220.3 x 38.3 mm (13.5 x 8.7 x 1.5")	255 x 179 x 30 mm (10.04" x 7.05" x 1.18")
<b>Weight</b>	1.16 kg (2.6 lb)	1.3 kg (2.87 lb)
<b>Regulatory Compliance</b>	CE, FCC	CE, FCC, RCM, LVD
<b>Language</b>	English	English, French, German, Italian, Japanese, Portuguese, Russian, Spanish, Traditional Chinese

**Note:** All specifications are subject to change without notice.



## GV-IP Display 101 / 116

		GV-IP Display 101	GV-IP Display 116
			
		<b>Video</b>	
<b>Video Stream</b>		64	64
<b>Video Codec</b>		H.264 / H.265	H.264 / H.265
<b>Audio Codec</b>		G.711	G.711
<b>Video Input Resolution</b>	<b>Single View</b>	3840 x 2160	3840 x 2160
	<b>Quad View</b>	Grid 1: 2560 x 1920 Other 3 Grids: 1920 x 1080	Grid 1: 2560 x 1920 Other 3 Grids: 1920 x 1080
	<b>6 View</b>	1280 x 720	1280 x 720
	<b>8 View</b>	1280 x 720	1280 x 720
	<b>9 View</b>	1280 x 720	1280 x 720
<b>Video Output at 60 Hz</b>	<b>LCD Size</b>	10.1"	11.6"
	<b>LCD Resolution</b>	1280 x 800	1366 x 768
<b>Fisheye Dewarping</b>		No	No
		<b>Network</b>	
<b>Interface</b>		10/100 Ethernet	
<b>Protocols</b>		ONVIF, RTSP, TCP	
<b>Wifi Support</b>		No	
		<b>Mechanical</b>	
<b>Control</b>		USB Mouse	
<b>GV-Joystick Supported</b>		GV-Joystick V2	
<b>Connectors</b>	<b>Power Adapter</b>	12V / 3A DC Jack (Max. 36 W)	
	<b>Ethernet</b>	RJ-45	
	<b>Monitor Output</b>	Panel	
	<b>USB</b>	USB 2.0 x 2	
	<b>SD Card</b>	SD / SDHC Card (Class 4 or above)	
<b>Default Button</b>		Yes	
		<b>General</b>	
<b>Operating Temperature</b>		0°C ~ 40°C (32°F ~ 104°F)	
<b>Operating Humidity</b>		20 % ~ 80 % (with no condensation)	
<b>Dimensions (W x H x D)</b>		255 x 179 x 30 mm (10.04" x 7.05" x 1.18")	296 x 185 x 28 mm (11.65" x 7.28" x 1.10")





	<b>General</b>	
<b>Weight</b>	1.3 kg (2.87 lb)	1.9 kg (4.18 lb)
<b>Certification</b>	CE, FCC, RCM, LVD	FCC, LVD, RCM, EMC compliant
<b>Language</b>	English, French, German, Italian, Japanese, Polish, Portuguese, Russian, Spanish, Traditional Chinese	

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