

Nationwide Sales & Service Presence



Live Recording Solution

Model: Impact GRS 20

The most reliable, efficient and seamless all-in-one solution that combines the capabilities of Recording + streaming to elevate your collaboration experience and expand the impact of your sessions.

The solution includes two products: Recording + Streaming Device and Full HD PTZ Camera to achieve a wholesome e-content



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Technical Specifications

Recording + Streaming Device	Impact GSR
Features	Device capable of capturing up to four inputs simultaneously in a single frame, as well as individual inputs, it is capable of supporting a of three unicast streams
Video Inputs	2 x HDMI In
Video Output	1 x HDMI Out for Local Display
Audio Inputs	1 x Line In and 1 x MIC In (unbalanced)
Audio Output	1 x Line Out
Video Encoding	Codec - H.264, Bitrate- 300kbps to 16 Mbps, Resolution - 1080p, 720p, 480p, 270p, User Selectable up to 1920 X 1080p
Video Switching	During Live Streaming and recording via the touch screen or Web UI
Video Layout	Configurable PIP, POP, Single video
Encoded Streams	2 simultaneous 1080p streams at 30 fps (with up to Full HD Sources)
Audio Encoding	AAC (Sampling @ 48 khz) upto 320kbps
Network	1 x 1000 Ethernet port (Rj45)
Storage & Ports	2x HDMI input, 1 x Line In and 1 x MIC In (unbalanced), 1 x 1000 Ethernet port (RJ45)
Network Storage Type	FTP
Recording Formats	Mp4, 1080p (resolution can be varied in encoding setting)
Controls	Web UI Panel, 10.1" touch screen, RS232 and RS485 (Phoenix connector)
Dimensions	256mm W x 175mm H x 37mm D
Power Consumption	30W/2.5Amp
Additional Component	Power On/ Off Switch, Reset Button
Packaging Contents	Recording + Streaming Device, Mounting Stand, 12V- 5 Amp DC Adapter
Special Features	<p>10.1" Touchscreen User friendly touchscreen or web interface makes switching easy between your connected sources or layouts</p> <p>Audio Support</p> <p>(i) 3.5mm line-level input or unbalanced MIC input</p> <p>(ii) Built-in attenuation and gain control for perfect sound fidelity</p> <p>Stream to View Everywhere Simultaneously live stream to YouTube, Facebook or web browsers locally over RTMP or RTMPS</p> <p>Configurable Hard Drive Internal 1 TB SSD drive</p> <p>Local Video Output</p> <p>(i) Send your content to a larger display through the local HDMI video output.</p> <p>(ii) Configure to share all input sources or switched program output</p> <p>1080p Recording Supports 1080p Full HD recording</p>

Wireless Goos Neck Microphones	IMPACT GBM-01
Microphones	4 mics
Sensitivity	5.5mV/Pa
Impedance	200Ω
Frequency Response	50hz to 16khz
Overall Length	508mm (20")
Mic Outputs	2 x Male XLR
Operating Voltage	240V AC 50Hz
Mic Inputs:	1 x Female XLR
Phantom Supply	48V DC
Power	9V-52V DC

Full HD PTZ Camera	Impact WM1
Optical Zoom	12x
Digital Zoom	16x
Camera Resolution	1080p 60fps, 1080p 30fps
Sensor	1/2.8" CMOS Sensor
Effective Pixels	2.07M
Scanning Mode	Progressive
Lens Focus Arrangement	f3.5mm ~ 42.3mm, F1.8 ~ F2.8
Minimal Illumination	0.5 Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, Indoor, Outdoor, One Push, Manual
Digital Noise Reduction	2D&3D Digital Noise Reduction
Video S/N	≥55dB
Horizontal/Vertical Angle of View	73 degrees ~ 7 degrees - 45 degrees ~ 4 degrees
Horizontal/Vertical Rotation Range	±170 degree - Minus 30 degrees ~ Plus 90 degree
Pan Speed Range	1.7 degrees ~ 100 degrees
Tilt Speed Range	1.7 degrees ~ 70 degrees
Number of Presets and accuracy	255, 0.1°
Image Freeze	Support
Video Resolution	1080p/60, 1080p/50, 1080i/60, 1080i/50, 1080p/30, 1080p/25, 720p/60, 720p/50

Device Function & Interface	
Audio Encoding	AAC audio encoding for better sound quality and smaller bandwidth
Local Storage	Local storage module directly recording to local USB flash disk
Low Light	High SNR of CMOS sensor even under low illumination conditions picture can still keep clean and clear
Remote Control	All parameters of the camera remotely controlled by the high-speed communications, handheld remote control
HD Output	HDMI x 1, USB 3.0 x 1
SD Output	CVBS: 3.5mm x1
Network Interface	RJ45: 10M/100M Ethernet Interface
Audio Interface	1-ch: 3.5mm Audio Interface, Line In
Communication Interface	RS232 In x 1, RS232 Out x 1, RS485 x 1
USB and Power Jack	USB 2.0 x 1, USB 3.0 x1

IPC Features	
Video Stream	H.264/MJPEG, Main Stream, Sub Stream
Main Stream Resolution	1920x1080, 1280x720, 1024x576
Sub Stream Resolution	720x576, 720x480, 320x240
Video Bit Rate and Type	32Kbps ~ 2048Kbps, Variable Rate, Fixed Rate
Frame Rate	50Hz: 1fps ~ 25fps, 60Hz: 1fps ~ 30fps
Audio Bit Rate	AAC, 96Kbps, 128Kbps, 256Kbps
Support protocols	TCP/IP, HTTP, RTSP, RTMP, Onvif, DHCP, Multicast, etc.

Physical Characteristics	
Input Voltage	DC 12V
Current Consumption	1.0A (Max)
Operating Temperature	-10°C ~ 40°C (14°F ~ 104°F)
Storage Temperature	-40°C ~ 60°C (-40°F ~ 140°F)
Power Consumption	12W (Max)

Accessories	
IR remote control, cables, Power adaptor and cable, user manual	

*Due to continuous product development, the specifications may change without prior notice.
 **Product image(s) are for illustrative purposes only and may differ from the actual product.

Display	Impact 4T2K-1
Technology	DLED Backlight (IPS)
Display size (Diagonal)	43 inch
Aspect Ratio	16:9
Resolution	4K (3840 X 2160)
View Angle	178 (H), 178 (V) degree
Contrast Ratio	5000:1
Brightness	350 cd/m ²
Display colour	16.7 million colours
Remote	One Hand Held Remote
Response Time (ms)	6 ms
Input/Output Ports(Minimum)	2 x HDMI, 1x Audio Out(Earphone)
Speaker	Inbuilt Two speakers of 10 Watt each
Other Connectivity	1x RJ45, 2x USB, Wifi
System Android version	Android 11
CPU	Quad core
Memory(RAM)	1.5 GB
Internal Storage	8 GB
Preinstalled Apps	AppStore, Browser, YouTube, TV Assistant, Miracast, Netflix, Facebook, Hotstar
Miracast	Allow user to mobile wirelessly with the help of preinstalled Miracast app
Media/File Support On Android	Audio, Video, Image, & Docs: XLS,PPT,PDF (can be accessed from supporting apps)
Power supply requirement	AC 110 - 210V, 50/60 Hz
Max Power consumption	85 Watts, Standby <0.5W
Accessories	AC Power cord, User Manual, Remote control, Wall mount bracket necessary cables and connectors to make it a complete operable unit.

Speakers	
Frequency Response	100hz to 20khz
SPL	106dB
Output Power	Hi-Z 120w
Amplifier	Class D
Speaker Switch	Lo-Z and Hi-Z
Connectivity	6 Mic/Line inputs (Flexible), 2 Stereo inputs

Document Camera	GVP-450
Camera Sensor	1/4"CMOS Sensor F=2.8
Effective Pixels	13 Mega Pixel
Frame Rate	30fps
Microphone	Inbuilt
OCR function	OCR technology
Video Output	HDMI: Full HD (1080p), HD (720p), VGA (480p); USB: Full HD (1080p), SXGA (1280 x 1024), XGA (1024 x 768), SVGA (800 x 600), VGA (640 x 480), QVGA(320 x 240); VGA: HD (1360 x 768), WXGA (1280 x 800), SXGA (1280 x 1024), XGA (1024 x 768)
Shooting Area	A3 (420MM x 297MM)
Zooming Capability	100x Zooming
Split Screen	Live image of an object being captured to be displayed alongside an image stored on the external memory
Focus Adjustment	Auto/ Manual Focus Adjustment
LED Light	Top LED & Side LED strip
White Balance	Auto
LED Light Brightness Adjustment	LED Light Brightness Adjustment & Dimming capability
Image Rotation	90°, 180°, 270°
Multimedia Function	Freeze, Focus Adjustment, LED on/off, Brightness Adjustment, Contrast, Negative, Black and White, Split Screen, Slideshow, Video Capture, Flicker Reduction, Image Rotation(0/180degrees), Source(PC/SD Card), Image Mirror, Picture in Picture
Interactive features	Touch screen support to perform interactive features
SD Card	SD/SDHC card with 32 GB
File Format	JPEG (1920 x 1080), VGA (720p)
Connectivity ports	1x VGA In, 1x VGA out, 1x HDMI out,HDMI In, 1x USB, 1x SD Card
Safety	Kensington lock (K-Lock)
Portability	Portable structure allows users to fold and easy to store
Image Storage	100 image
Advance Features	PC Less Annotation, Image roaming drag Region zoom in, Split Screen function, Camera Rotation, Device Portability, Microscope Capability
Remote Control	Fully functional remote control
Annotation	On-board Annotation feature without using any other computing device
On Screen Toolbar	On-Screen toolbar to perform Auto focus, Magnifier, Zoom in/out, Rotate, Mirror, Freeze, Division, Snap, Record, File Browse, PIP, Annotate, Settings
Key on Visualizer	Zoom in/out, Res/Exit, Menu, VGA/HDMI, Light, Auto/OK, UP/Down buttons or more for ease of access

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