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	10.1" Touchscreen User friendly touchscreen or web interface makes switching easy between	
	your connected sources or layouts	
	Audio Support (i) 3.5mm line-level input or unbalanced MIC input	
	(ii) Built-in attenuation and gain control for perfect sound fidelity	
	Stream to View Everywhere Simultaneously live stream to YouTube, Facebook or web browsers locally	
	over RTMP or RTMPS	
	Configurable Hard Drive Internal 1 TB SSD drive	
	Local Video Output (i) Send your content to a larger display through the local HDMI video output.	
	(ii) Configure to share all input sources or switched program output	
	1080p Recording Supports 1080p Full HD recording	

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

Minimal Illumination 0.5 Lux @ (F1.8, AGC ON) Shutter 1/30s ~ 1/10000s White Balance Auto, Indoor, Outdoor, One Digital Noise Reduction 2D&3D Digital Noise Reduct Video S/N ≥ 55dB Horizontal/Vertical Angle of View 73 degrees ~ 7 degrees - 43 Horizontal/Vertical Rotation Range ± 170 degree - Minus 30 degrees 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, 1080 Device Function & Interface AAC audio encoding for bett Local Storage Local storage module directly Low Light High SNR of CMOS sensor e Remote Control All parameters of the camera HD Output CVBS: 3.5mm x1 Network Interface RJ45: 10M/100M Ethernet In Audio Interface RS232 In x 1, RS232 Out x 1 USB and Power Jack USB 2.0 x 1, USB 3.0 x1 IPC Features Video Stream H.264/MJEPG, Main Stream, Video Stream H.264/MJEPG, Main Stream, Main Stream Res		
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torage Temperature $-40^{\circ}\text{C} \sim 60^{\circ}\text{C} (-40^{\circ}\text{F} \sim 140^{\circ}\text{C})$		
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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 n it a complete operable unit.
c 1	
Speakers	

100hz to 20khz
106dB
Hi-Z 120w
Class D
Lo-Z and Hi-Z
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 (7 XGA (1024 x 768), SVGA (800 768), WXGA (1280 x 800), SXGA (1280 x 1024), X0
Shooting Area	A3 (420MM x 297MM)
Zooming Capability	100x Zooming
Split Screen	Live image of an object being the external memory
Focus Adjustment	Auto/ Manual Focus Adjustme
LED Light	Top LED & Side LED strip
White Balance	Auto
LED Light Brightness Adjustment	LED Light Brightness Adjustme
Image Rotation	90°, 180°, 270°
Multimedia Function	Freeze, Focus Adjustment, LED While, Split Screen, Slideshow Source(PC/SD Card), Image N
Interactive features	Touch screen support to perfor
SD Card	SD/SDHC card with 32 GB
File Format	JPEG (1920 x 1080), VGA (72
Connectivity ports	1x VGA In, 1x VGA out, 1x HE
Safety	Kensington lock (K-Lock)
Portability	Portable structure allows users
Image Storage	100 image
Advance Features	PC Less Annotation, Image roo Rotation, Device Portability, M
Remote Control	Fully functional remote control
Annotation	On-board Annotation feature
On Screen Toolbar	On-Screen toolbar to perform Snap, Record, File Browse, PIP
Key on Visualizer	Zoom in/out, Res/Exit, Menu, access

720p), VGA (480p); USB: Full HD (1080p), SXGA (1280 x 1024), 0 x 600), VGA (640 x 480), QVGA(320 x 240); VGA: HD (1360 x

KGA (1024 x 768)

g captured to be displayed alongside an image stored on

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ent & Dimming capability

ED on/off, Brightness Adjustment, Contrast, Negative, Black and ow, Video Capture, Flicker Reduction, Image Rotation(0/180degrees), Mirror, Picture in Picture orm interactive features

′20p)

IDMI out,HDMI In, 1x USB, 1x SD Card

rs to fold and easy to store

oaming drag Region zoom in, Split Screen function, Camera Microscope Capability

without using any other computing device

n Auto focus, Magnifier, Zoom in/out, Rotate, Mirror, Freeze, Division, IP, Annotate, Settings , VGA/HDMI, Light, Auto/OK, UP/Down buttons or more for ease of