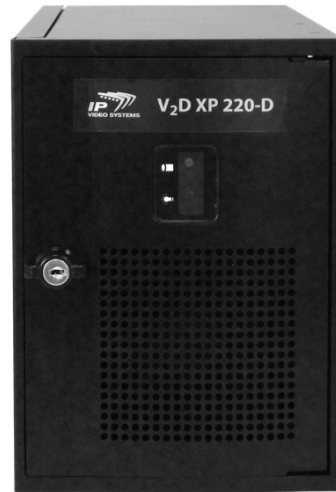# XP-220

Dual channel encoder/decoder with removable CF cards

High-quality collaboration

Barco's V2D (Video-to-Data) encoders/decoders enable seamless, point-to-point video, graphics and audio distribution, plus keyboard/mouse control -all with low latency. They ensure a high-quality collaborative experience in any network and for any bandwidth allocation. Multi-site TeleCollaboration, simulation, training, testing and application sharing are readily provided to small and large enterprises with unmatched visual fidelity.

Desktop model with removable CF cards

The XP-220 is a desktop model for meeting rooms or branch office locations. As a dual channel encoder/decoder, it enables any user to encode and/or decode using a single device. What's more, its removable CF cards makes it easy to configure any device.

- High resolution support: stream video and graphics of up to 7.6 million pixels over any network

- Visually lossless codec: efficiently compress HD media to ensure deliverability regardless of available bandwidth

- Low-latency: enables dynamic user/media interactions

- 4:4:4 compression: full and accurate color representation

- 3D stereoscopic support: seamless manipulation of remote 3D graphics and animation

- QoS: advanced mechanisms to handle packet loss, network latency, and jitter that are fully configurable on the fly

- Configurable Tx/Rx: switch between encoder and decoder on the same channel without rebooting

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Product specifications	XP-220
General specifications	
Number of channels	Dual
Maximum bit rate (configurable)	> 100 Mbps
Network interface	(1) 10/100/1000 BaseT
Ports (serial/USB)	(1) RS-232 / (2) USB
Keyboard/mouse	USB /PS2
Device configuration storage	Removable CF card
Dimensions WxDxH	9.00 x 17.65 x 6.30 inch / 22.86 x 44.83 x 16.00 cm
Weight	20.0 lbs / 9.1 kg
Power supply	100 VAC to 240 VAC, 50/60 Hz, 125W
Video inputs, outputs per channel	2 Dual-link DVI-I (Video in/Video out)
Resolution range	SVGA (800 x 600) -QUXGA (3,200 x 2,400)* * For a complete list of supported resolutions please contact customer service at support@ipvideosys.com
Encode rate (resolution dependent)	60 Hz for 1,920 x 1,200
Compression standard	Video-to-Data (V2D)
Maximum Clock Rate	DVI: 330 MHz / Analog: 200 MHz
Audio inputs & outputs	3.5 mm stereo jack, Digital audio
Audio channels	Stereo / Mono
Audio format	Pulse Code Modulation (PCM)
Networking protocol	Unicast -Multicast (IGMP)
QoS/error concealment	Advanced mechanisms to cope with packet loss, network latency, and jitter that are fully configurable on the fly
Management Interface	Managed mode -admin / client interface, web endpoint controller, standalone -console
Console Interface	VGA, serial, Telnet
Video	• Tx - Local loopback • Rx - Local, remote, PiP w/scaling, alpha, chroma control
Audio	• Tx - Local loopback • Rx - Local, remote, mixed
Codec	High resolution support up to 3,200 x 2,400; 3D stereoscopic video; 4:2:2 and 4:4:4 color sampling; real-time compression tuning
KbM	• Tx - Local loopback • Rx - Local, remote
Video board features	On the fly configurability between Tx & Rx
Certification and compliance	• Safety: UL/CSA EN/IEC 60950-1 CB Report • EMC: CE, FCC Part 15 Class A, CISPR 22, ICES-003

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