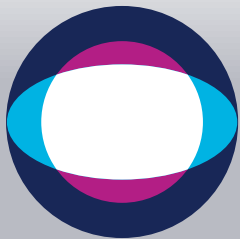


Encoder/Decoder Matrix



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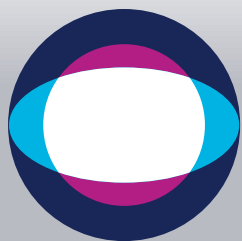
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	BX100 Four Channel Encoder, BX Range	Single Channel Decoder - Extended Temp B, 9000 Range	Dual Channel Encoder - Standard, 9000 Range	Dual Channel Encoder - Extended Temp B, 9000 Range
Video Compression	H.264; up to 25fps	N/A	H.264; 25fps guaranteed	H.264; 25fps guaranteed
Video Bit Rate	32Kbps up to 8Mbps	N/A	32Kbps up to 6Mbps	32Kbps up to 6Mbps
Video Multi-Streaming	Unlimited multicast connections. Up to four unicast connections	N/A	Unlimited multicast connections. Up to 32 unicast connections	Unlimited multicast connections. Up to 32 unicast connections
Video Multi-Encoder	Standard	N/A	Enhanced*	Enhanced*
Video Analytics	N/A	N/A	Advanced**	Advanced**
Video Decode	N/A	IndigoVision MPEG-4 and H.264 video streams	N/A	N/A
Audio Compression	G.711	AAC	AAC	AAC
Audio Bit Rate	64Kbps per channel	N/A	32Kbps to 160Kbps	32Kbps to 160Kbps
Audio Dual Encoder	N/A	N/A	Yes	Yes
Audio Resolution	8kHz sampled/Mono	16kHz sampled/Mono	Full Duplex/16kHz sampled/Mono	Full Duplex/16kHz sampled/Mono
Audio Input	Line in	N/A	Line in; Mic in	Line in; Mic in
Audio Output	N/A	Line out	Line out	Line out
Binary Input/Output	4 inputs; 2 output	4 inputs; 2 output	4 inputs; 2 output	4 inputs; 2 output
Data Input/Output	1 x Data/Console port: RS232	1 x Data/Console port: RS232	1 x Data/Console port: RS232	1 x Data/Console port: RS232
Network Interface	10/100 Base-T Ethernet	10/100 Base-T Ethernet	10/100 Base-T Ethernet	10/100 Base-T Ethernet
Network Security	N/A	Embedded Linux firewall	Embedded Linux firewall	Embedded Linux firewall
Operating Temperature	-10°C to 50°C	-30°C to 65°C	0°C to 45°C	Single Channel Mode: -30°C to 65°C. Dual Channel Mode: -30°C to 55°C
ONVIF	Profile S	N/A	Profile S	Profile S



	Four Channel Encoder/Decoder - Encoder Card, 9000 Range	Four Channel Encoder/Decoder - Decoder Card, 9000 Range	Four Channel Encoder/Decoder - Chassis, 9000 Range	10 Channel Encoder/Decoder - Encoder Card, 9000 Range	10 Channel Encoder/Decoder - Decoder Card, 9000 Range	10 Channel Encoder/Decoder - Chassis	20 Channel Encoder - Encoder Card, ~9000 Range	20 Channel Encoder - Chassis, 9000 Range
Video Compression	H.264; 25fps guaranteed	N/A	N/A	H.264; 25fps guaranteed	N/A	N/A	H.264; 25fps guaranteed	N/A
Video Bit Rate	32Kbps up to 6Mbps	N/A	N/A	32Kbps up to 6Mbps	N/A	N/A	32Kbps up to 6Mbps	N/A
Video Multi-Streaming	Unlimited multicast connections. Up to 16 unicast connections	N/A	Up to 320Mbps total video output	Unlimited multicast connections. Up to 16 unicast connections	N/A	Up to 320Mbps total video output	Unlimited multicast connections. Up to 32 unicast connections	Up to 320Mbps total video output
Video Multi-Encoder	Enhanced*	N/A	N/A	Enhanced*	N/A	N/A	Enhanced*	N/A
Video Analytics	Advanced**	N/A	N/A	Advanced**	N/A	N/A	Advanced**	N/A
Video Decode	N/A	IndigoVision MPEG-4 and H.264 video streams	N/A	N/A	IndigoVision MPEG-4 and H.264 video streams	N/A	N/A	N/A
Audio Compression	AAC	AAC	N/A	AAC	AAC	N/A	AAC	N/A
Audio Bit Rate	32Kbps to 160Kbps	N/A	N/A	32Kbps to 160Kbps	N/A	N/A	32Kbps to 160Kbps	N/A
Audio Dual Encoder	Yes	N/A	N/A	Yes	N/A	N/A	Yes	N/A
Audio Resolution	Full Duplex/16kHz sampled/Mono	16kHz sampled/Mono	N/A	Full Duplex/16kHz sampled/Mono	16kHz sampled/Mono	N/A	Full Duplex/16kHz sampled/Mono	N/A
Audio Input	Line in; Mic in	N/A	Line in; Mic in	Line in; Mic in	N/A	Line in; Mic in	Line in; Mic in	Line in; Mic in
Audio Output	Line out	Line out	Line out	Line out	Line out	Line out	Line out	Line out
Binary Input/Output	1 opto-isolated input, 1 solid state relay output		4 inputs; 4 output	1 opto-isolated input, 1 solid state relay output		10 inputs; 10 output	2 opto-isolated input, 2 solid state relay output	20 inputs; 20 output
Data Input/Output	1 x Data/Console port: RS232		4 x Data/Console port: RS232	1 x Data/Console port: RS232		10 x Data/Console port: RS232	1 x Data/Console port: RS232	10 x Data/Console port: RS232
Network Interface	N/A		10/100/1000 Base-T Ethernet	N/A		10/100/1000 Base-T Ethernet	N/A	10/100/1000 Base-T Ethernet
Network Security	Embedded Linux firewall		N/A	Embedded Linux firewall		N/A	Embedded Linux firewall	N/A
Operating Temperature	N/A		0°C to 55°C	N/A		0°C to 50°C	N/A	0°C to 50°C
ONVIF	Profile S	N/A	N/A	Profile S	N/A	N/A	Profile S	N/A



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