

X20

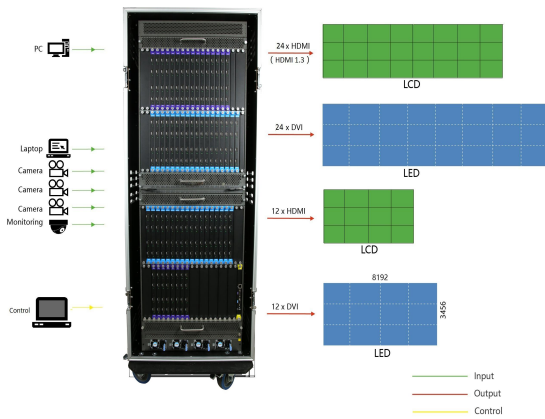
*This document takes 28U as an example



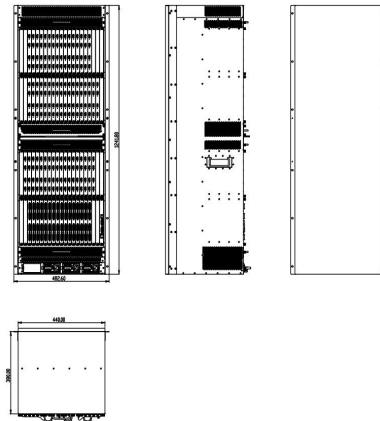
Key Features

- Module based Input and output
- Up to 160 inputs and 144 outputs
- Each layer with support for scaling, moving, crossing , layer overlap/stacking
- Single port up to 4 layers based on configuration
- Output Static Image
- 4K@60 input and output supported
- Multiple H.265 streaming segmentations available
- Text Overlay
- Multiple banks save,load and auto loop
- Unified Management of Multiple Screens
- Remote Control via TCP/IP
- Signal Preview
- Redundant PSU
- Security/rights access control

Application



Dimensions



Order Codes

Product Code	Item
310-0020-01-0	X20
190-0020-01-0	HDMI 1.3 Input Module (with embedded audio)
190-0020-02-0	HDMI 1.4 Input Module(with embedded audio)
190-0020-03-0	HDMI 2.0 Input Module (with embedded audio)
190-0020-04-0	DVI Input Module (with embedded audio)
190-0020-05-0	Dual-link DVI AV Input Module
190-0020-06-0	SDI Input Module (with embedded audio)
190-0020-07-0	VGA AV Input Module
190-0020-08-0	CVBS AV Input Module
190-0020-09-0	YPbPr AV Input Module
190-0020-10-0	HDBaseT 2K Input Module (with embedded audio)
190-0020-11-0	HDBaseT 4K Input Module (with embedded audio)
190-0020-12-0	H.264 Streaming Decoding Module
190-0020-13-0	H.265 2K Streaming Decoding Module(with embedded audio)
190-0020-14-0	H.265 4K Streaming Decoding Module(with embedded audio)
190-0020-15-0	DP 1.1 Input Module (with embedded audio)
190-0020-16-0	DP 1.2 AV Input Module (with embedded audio)
190-0020-17-0	Fiber 2K Input Module (with embedded audio)
190-0020-18-0	Fiber 4K Input Module (with embedded audio)
190-0020-20-0	PVW Output Module (with embedded audio)
190-0020-21-0	HDMI 1.3 Output Module (with embedded audio)

*AV:Analog Audio and Video

Product Code	Item
190-0020-22-0	HDMI 1.4 Output Module (with embedded audio)
190-0020-23-0	HDMI 2.0 Output Module (with embedded audio)
190-0020-24-0	Fiber 2K Output Module (with embedded audio)
190-0020-25-0	Fiber 4K Output Module (with embedded audio)
190-0020-26-0	DVI AV Output Module
190-0020-27-0	SDI AV Output Module
190-0020-29-0	HDBaseT 2K Output Module
190-0020-01-1	HDMI 1.3 Input Module
190-0020-02-1	HDMI 1.4 Input Module
190-0020-04-1	DVI Input Module
190-0020-05-1	Dual DVI Input Module
190-0020-06-1	SDI Input Module
190-0020-07-1	VGA Input Module
190-0020-10-1	HDBaseT 2K Input Module
190-0020-13-1	H.265 Streaming Decoding Module
190-0020-15-1	DP 1.1 Input Module
190-0020-17-1	Fiber Input Module
190-0020-20-1	PVW Output Module
190-0020-21-1	HDMI 1.3 Output Module
190-0020-24-1	Fiber Output Module
190-0020-26-1	DVI Output Module
190-0020-29-1	HDBaseT Output Module

Specification

Model		X20-1					X20-2							
Specification		2U	4U	10U	16U	24U	2U	4U	8U	14U	20U	22U	28U	
Input slots		2(1~2)	3(1~3)	9(1~9)	30(1~30)	40(1~40)	2(1~2)	4(1~4)	8(1~8)	16(1~16)	32(1~32)	32(1~32)	32(1~32)	
Output slots		2(3~4)	5(4~8)	10(10~19)	10(31~40)	20(41~60)	2(3~4)	4(5~8)	9(9~17)	18(17~34)	18(33~50)	18(33~50)	36(33~68)	
Shared slots		2(3~4)	5(4~8)	10(10~19)	10(31~40)	20(41~60)	-	-	-	-	-	-	-	
Connectors	Input	2-40 slots, support up to 160 inputs Select from DVI Dual Link DVI HDMI 1.3 HDMI 1.4 HDMI 2.0 SDI VGA DisplayPort 1.1 DisplayPort 1.2 Fiber(2K) Fiber(4K) HDBaseT (2K) HDBaseT (4K) H.265(2K) H.265(4K) H.264 CVBS YPbPr 4×DVI-I 2×DVI-I 4×HDMI-A 2×HDMI-A 1×HDMI-A 4×BNC 4×DB15 2×DisplayPort 1×DisplayPort 4×LC 2×LC 4×RJ45 2×RJ45 2×RJ45 2×RJ45 4×BNC 4×DB15					2-32 slots, support up to 128 inputs Select from HDMI1.3 HDMI1.4 DVI Dual Link SDI VGA DisplayPort1.1 H.265(2K) HDBaseT(2K) Fiber(2K) 4×HDMI-A 2×HDMI-A 4×DVI-D 2×DVI-I 8×BNC (4 In 4 Loop) 4×DB15 2×DisplayPort 2×RJ45 4×RJ45 4×LC							
	Output	2-20 slots, support up to 80 outputs Select from HDMI 1.3 HDMI 1.4 HDMI 2.0 Fiber(2K) Fiber(4K) HDBaseT (2K) SDI DVI 4×HDMI-A 2×HDMI-A 2×HDMI-A 4×LC 2×LC 4×RJ45 4×BNC 4×DVI-I					2-36 slots, support up to 144 outputs Select from HDMI1.3 Fiber(2K) HDBaseT (2K) DVI 4×HDMI-A 4×LC 4×RJ45 4×DVI-I(compatible with VGA)							
	PVW (Preview)	Optional	HDMI and IP(with Audio)				1×RJ45 2×HDMI-A		IP Streaming		2×RJ45			
	Communication		Ethernet				1×RJ45							
	Power		4 slots, support up to 4 power supply Standard 2 PSU 1× IEC (each)											
Performance	Input Resolution	SDI SMPTE 720p@60 1080i@60 1080p@60 VGA YPbPr VESA 800×600@60 1024×768@60 1280×720@60 1280×800@60 1280×1024@60 1360×768@60 1366×768@60 1440×900@60 1400×1050@60 1600×1200@60 1680×1050@60 1920×1080@60 1920×1200@60 H.264 SMPTE 720p@60 1080p@60 H.265 SMPTE 720p@60 1080p@60 2160p@30 DVI HDBaseT Fiber VESA 800×600@60 1024×768@60 1280×720@60 1280×800@60 1280×1024@60 1360×768@60 1366×768@60 1440×900@60 1400×1050@60 1600×1200@60 1680×1050@60 1920×1080@60 1920×1200@60 3840×2160@30 HDMI DP VESA 800×600@60 1024×768@60 1280×720@60 1280×800@60 1280×1024@60 1360×768@60 1366×768@60 1440×900@60 1400×1050@60 1600×1200@60 1680×1050@60 1920×1080@60 1920×1200@60 3840×2160@30 CVBS SMPTE 480i 576i												
	Output Resolution	SDI SMPTE 720p@60 1080p@60 DVI HDBaseT VESA 800×600@60 1024×768@60 1280×720@60 1280×800@60 1280×1024@60 1360×768@60 1366×768@60 1440×900@60 1400×1050@60 1600×1200@60 1680×1050@60 1920×1080@60 1920×1200@60 Fiber VESA 800×600@60 1024×768@60 1280×720@60 1280×800@60 1280×1024@60 1360×768@60 1366×768@60 1440×900@60 1400×1050@60 1600×1200@60 1680×1050@60 1920×1080@60 1920×1200@60 3840×2160@30 HDMI VESA 800×600@60 1024×768@60 1280×720@60 1280×800@60 1280×1024@60 1360×768@60 1366×768@60 1440×900@60 1400×1050@60 1600×1200@60 1680×1050@60 1920×1080@60 1920×1200@60 3840×2160@30 H.264 720p@60 1080p@60												
	Support Standards	HDMI	2.0				SDI	3G						
		HDBaseT	2.0				DP	1.2						
	H.265	ITU-T H.265/ ISO/IEC 23008-2				DVI	Dual Link							
Power	Input Voltage	100V-240V 50/60-Hz automatically adjusted												
	Max Power	262-550W												
Environment	Temperature	0℃~40℃												
	Humidity	10%~85%												
Physical	Weight	Net	49.2kg											
		Package	115.1kg											
	Dimensions	Net	483mm×380mm×1242mm											
		Package	680mm×550mm×1450mm											

*20U and 22U are the same in slot numbers but different in cases

