



# Pacific X-IPT

The Pacific X-IPT consists of a 1RU chassis and transmission modular cards for KVM and AV over IP solutions. Flexibly supporting copper or optical fiber connection, video/audio and USB signals are transmitted over distance in a point-to-point extension or via an IP network for any-to-any switching. In addition to the HDMI/DVI, modular cards for VGA and SDI/CVBS signals are also available.

Along with video and USB signal transmission, the Pacific X-IPT also transfer control signals, e.g. IR and RS-232, over local area network. Moreover, each Pacific X-IPT card supports HDMI/SDI looping output for local monitoring.

Over LAN with gigabit IGMP managed Ethernet switch, the Pacific X-IPT modular cards extend video at UHD resolutions with no more than one frame delay. Point-to-point, one-to-many, and any-to-any extension and switching can be managed with user-friendly icon-based GUI. This modular transmission system work with other Avitech's over IP products\* in providing a complete over IP solution family. Altogether they facilitate engineering of oIP ecosystems for a wide variety of applications, ranging from simple one-to-one KVM and AV extension to tens, hundreds, and thousands of points switching with extensive database management of all transmission and receiving devices on LAN.

\* Pacific X-IPr, Pacific X-IPTR, Pacific X-IPRW, Pacific X-IPRG, Sequoia UHD/IPt/IPr/KM/UHD2HD

### FEATURES

- 1RU chassis house up to 6 transmitter cards extending KVM and AV over IP with copper cable (CAT5e/6) or optical fiber (SFP)
- Transmission over LAN with no more than one frame latency
- Transmit HDMI with resolutions up to 4K UHD with 10-bit deep color
- Pacific X-IPT transmission cards support active HDMI/SDI looping output for local monitoring confirmation
- Support VESA DDC and Hot-Plug Detect (HPD) for easy plug-and-play installation
- Support analog stereo audio input (only available when in unicast application)
- Dolby® TrueHD and DTS-HD master audio pass-through
- Incorporate HDMI® technology (HDCP 1.4 compliant)

# SPECIFICATIONS

Pacific X-IPT			
CHASSIS	1RU chassis, houses up to 6 transmitter cards		
Card Type	Pacific X-IPTHc/f	Pacific X-IPTVc/f	Pacific X-IPTSc/f
VIDEO SUPPORT	<b>HDMI</b> 4096x2160 @25/30 Hz 1080p @50/60 Hz 1080i @50/60 Hz <b>DVI-D</b> Up to 1080p @50/60 Hz	<b>VGA</b> Up to 1080p @50/60 Hz	<b>3G-SDI</b> (SMPTE 424 M) <b>HD-SDI</b> (SMPTE 292 M) <b>SD-SDI</b> (SMPTE 259 M) <b>CVBS</b> NTSC/PAL
LOOP OUT	Yes (HDMI)	Converted from VGA (HDMI)	Yes (BNC)
COLOR DEPTH	8-bit/10-bit	8-bit	8-bit/10-bit (SDI)
HDCP 1.4 COMPLIANT	Yes	-	-
DVI SUPPORT	Yes (via a DVI to HDMI adapter)	-	-
IR CONTROL	IR transmitter (IR blaster or via an IR blaster extension cable)		
DIMENSION (LxWxH)	10.21x17.3x1.75 inch (259.38x439.00x44.40 mm)		
WEIGHT	7.16 lb (3.25 kg)		
PROTOCOL	TCP, UDP, DHCP, IGMP, Multicast		
VIDEO BANDWIDTH	Single link 297 MHz		
EXTENSION DISTANCE	KVMoIP ❖ Point-to-point: extends UltraHD 4K (4096x2160 @25/30 Hz) up to 328 ft (100 m) ❖ Use IGMP network switch for greater distance  SFP ❖ Distance gigabit SFP dependent; from 328 yard (300 m) to 74 mile (120 km)		
AUDIO SUPPORT (PASS-THROUGH)	Surround sound (7.1 ch), Dolby® TrueHD and DTS-HD		
IR CARRIER FREQUENCY	38~56 kHz		
POWER REQUIREMENTS	100~240 V AC/12V/6A DC adapter/Max.72 Watt		
TEMPERATURE	Operation: 0 °C (32 °F) to 40 °C (104 °F) Storage: -10 °C (14 °F) to 50 °C (122 °F)		
HUMIDITY	0% to 80% relative, non-condensing		
SAFETY REGULATION	FCC, CE, C-Tick, Class A		

Specifications and data are subject to change without notice.

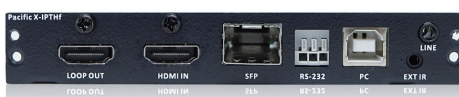
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## Transmitter Card:

Pacific X-IPTHc



Pacific X-IPTHf



Pacific X-IPTVc



Pacific X-IPTVf



Pacific X-IPTSc



Pacific X-IPTSf



Multiviewers | KVM Switchers | Wall Processors | Converters | Extenders | HDMI/SDI Switchers | Distribution Amplifiers

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