

# TELESTE



Technical specifications, HW version A

## MPX UNIVERSAL VIDEO DECODER

The Universal Video Decoder is your choice when decoding of IP video to legacy analog output is key to your everyday activities while migrating to IP.

MPX Universal Video Decoder is a standalone video decoding appliance with single digital monitor output. The unit can be harnessed with an optional analog output. The unit supports decoding of multiple industry standard encoding formats and therefore removes the need for encoding format specific decoder. The incoming IP video stream is automatically adjusted to full HD HDMI output or to the optional standard resolution (CVBS) video output.

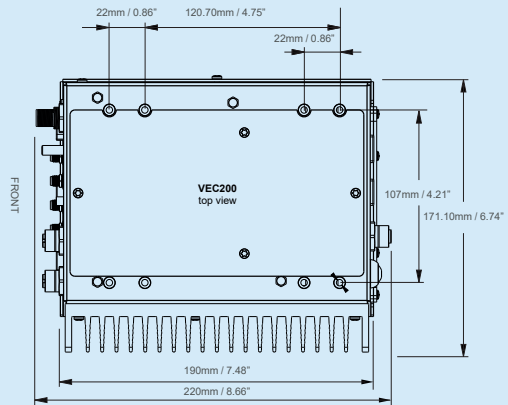
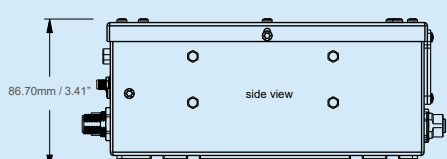
The system level challenge when replacing an analog camera with an IP camera in legacy analog systems is present at the control center due to introduction of heterogeneous video formats not compliant with existing decoding equipment. With optional analog

monitor output this product is the answer to this challenge as it allows continuing normal operation without the need for complete system redesign while being ready for migration to full IP system.

MPX Universal Video Decoder is NEMA compliant and delivered in a compact hardened form factor with digital output (HDMI) and an optional legacy analog CVBS output (BNC). The unit can be managed through user friendly WebUI. It also supports legacy SNMP as a control mechanism.

MPX Universal Video Decoder is delivered with three-year hardware warranty ensuring additional protection on your investment and a piece of mind.

## MPX UNIVERSAL VIDEO DECODER TECHNICAL SPECIFICATIONS, HW VERSION A *(typical values unless otherwise stated)*

Monitor output		Hardware	
HDMI	1 x Type A, 1920 x 1080	Chassis	VEC200 series, stand-alone
CVBS (optional)	1x PAL/NTSC , 1.0 Vpp, 75 ohms	Processor	Intel Atom® E3845
Video		Memory	8GB RAM
Decoding	H.264, ISO/IEC 14496-10	System media	32GB, (SSD)
	MPEG-4, ISO/IEC14496-2	USB	1 x USB 2.0 Type-A, 1 x USB 3.0 Type-A
	MPEG-2, ISO/IEC 13818	Power adapter	40W (12VDC, 3.3A)
	MJPEG, ISO/IEC 13818-2	Heat dissipation	136 BTU/hr (based on power supply max wattage)
Resolutions	QCIF, CIF, 2CIF, 4CIF, D1, 720p, 1080p	General	
Frame rate	1 ... 25 fps PAL, 1 ... 30fps NTSC	Operating Voltage	+9 VDC ... +36VDC
Input bit rate	up to 12Mbps	Dimensions (H x W x D)	86.7 x 171.1 x 220 mm / 3.41" x 6.74" x 8.66"
Streaming	Multicast	Weight	1.95kg / 4.30lb
Data		Operating temp. range	-34...+74°C / -29...+165°F
Interface	1 x RS232/RS422/RS485	Storage temperature	-40...+80°C / -40...+176°F
Connector	DB9 (male)	Relative humidity	10...90% (non-condensing)
Contact Closure		Protection class	IP52
Number of inputs	4		
Number of outputs	4		
Connector	DB9 (male)		
Network			
Transport	TCP/IP/HTTP/HTTPS/RTP/UDP		
Interface	2 x 10/100/1000Base-T		

Ordering codes		Accessories	
<b>MPU203-01</b>	1 Channel Video Decoder with HDMI output	<b>CPS250</b>	Power supply, 100-240VAC 12VDC/3,3A, without power cord
<b>MPU203-01-CVBS</b>	1 Channel Video Decoder with HDMI and CVBS output	<b>CPS251</b>	Power supply, 100-240VAC 12VDC/3,3A, with power cord EU
		<b>CPS252</b>	Power supply, 100-240VAC 12VDC/3,3A, with power cord UK
		<b>CPS253</b>	Power supply, 100-240VAC 12VDC/3,3A, with power cord US

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**TELESTE CORPORATION**  
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P4P MPX Universal Video Decoder technical specifications, 10/2019

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