

# VMX Transmitter – IPC-based hardware encoder

Teleste VMX System is a modular system for surveillance applications containing video streaming, transmission, switching, recording and video management. VMX Transmitter is an IPC-based hardware encoder in the Teleste VMX system.



VMX Transmitter is an optional component of Teleste video system.

The module provides MPEG-4/H.264 video encoding functionality. Transmitter supports up to 32 video channels.

The native support of the XML protocol makes the communication between the node and the server seamless.

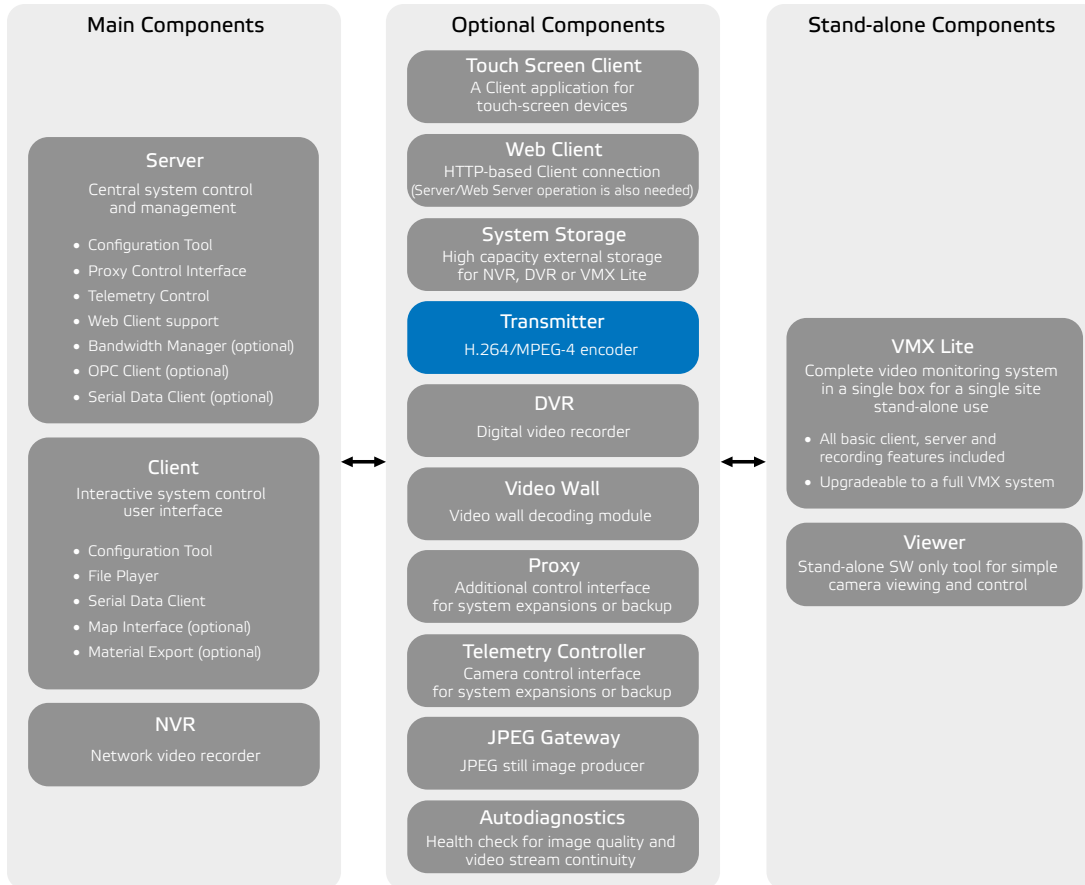
Transmitter is delivered by default in a standard 3U - rack mount (R3) build.

Custom designed HW watchdog increases component reliability and greatly improves the system uptime.

# VMX system components

# Features

- Encodes MPEG-4 and H.264 video formats



## Technical specifications (Typical values unless otherwise stated)

Video		Tested performance on Teleste HW	
Encoding formats	MPEG-4/H.264	MPEG-4/H.264	max 32
Encoding channels	max 32		R3, R5/T5
Audio		General	
Coding	ITU G.711	Supply voltage	100...240 V AC / 50...60 Hz (± 3 Hz)
Sampling rate	8 / 32 kHz	Power consumption	200 W
Encoding channels	max 1	Operating temperature	+5...+40 °C (+41...+104 °F)
Network		Relative humidity	< 90% (no condensing)
TCP/IP, RSVP		Housing	Industrial PC 19" wide rack mount (3U or 5U high) and tower
Software		Weight **	15...22 kg (33...48.5 lbs) R3
Operating system	MS Windows XP embedded		20...30 kg (44...66 lbs) R5, T5
Application	VMX Transmitter	Dimensions (H x W x D)	3U x 19" x 445 mm (3U x 19" x 17.5") R3
Hardware			5U x 19" x 620 mm (5U x 19" x 24.4") R5
Processor	Intel I5	425 x 220 x 620 mm (16.7 x 8.7 x 24.4")	T5
Motherboard	ATX	Safety	EN60950
Memory	2048 MB	Notes	
Boot device *	HDD, SSD or flash	* = optional	
Monitor output	DVI, VGA, HDMI	** = depends on configuration options	
Ethernet	2 x 1000Base-Tx		
Power supply	Standard, redundant *		
HW watchdog	Built-in		
		R3, R5	