

Device under test		
Manufacturer	Panasonic	
Model	PT-VW431D	
Firmware	1.03	
Capabilities over TPS	Native panel resolution	1280x800
	Light processing	3 LCD
	EDID 1 st detailed timing	1280x800@60
	EDID 2 nd detailed timing	-
	HDMI capable	✓
	HDCP capable	✓
	Supported color depths	24/30/36 bits per pixel
	Audio support	✓
	IR support	✗
	RS232 support	✓
	Ethernet support	✓
	Longreach support	✓

Measurement results		
TPS HDBaseT video support	MX-TPS-OB	PASS 1280x800 60 Hz 24 bpp up to 100 m with CAT5e
	UMX-TPS-TX140	
	DVI-HDCP-TPS-TX95	
	HDMI-TPS-TX95	
TPS Longreach video support	MX-TPS-OB	PASS 1920x1080 60 Hz 24 bpp up to 170 m with CAT7 S/FTP AWG23
	UMX-TPS-TX140	
	DVI-HDCP-TPS-TX95	
	HDMI-TPS-TX95	
TPS audio support	PASS 2-ch 48 kHz LPCM tested	
TPS HDCP support	PASS	
TPS ethernet support	PASS	
TPS serial support	PASS 9600 baud tested	
TPS IR support	N/A	

Overall verdict

Lightware compatibility	All tests passed which supported by the DUT. The tested device is compatible with all Lightware TPS devices.
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