

PRISM to WFM Comparison

Next generation SDI and IP waveform monitor for engineering and production environments

PRISM is the ideal solution for monitoring SDI and IP video production environments including master control rooms, production studios, OB trucks, and signal contribution/distribution centers. It's the next generation successor for the WFM8300, WVR8300, WFM7200 and WVR7200 products.

PRISM provides familiar Tek Video SDI tools similar to the WFM products today, and protects your investment with the latest SDI and IP technologies to support emerging deployments over time. The table below offers a comparison of the PRISM, 8300 and 7200 product families.

Models	Recommended		
	PRISM	WFM 8300	WFM 7200
- Base price	\$12K	\$19K	\$11K
Video Input Formats			
SDI			
- SD/HD	●	●	●
- 3G	●	□	□
- 4K Quad 3G	□	□	-
- 4K 12G	□	-	-
- 8K Quad 12G	□	-	-
IP			
- 10G Ethernet	●	-	-
- 25G Ethernet	□	-	-
- ST 2110	●	-	-
- ST 2022-6, 2022-7	●	-	-
- SD/HD/3G	●	-	-
- 4K	□	-	-
Analog Composite	-	□	□
Chroma subsampling			
- 4:2:2, 10 bit	●	●	●
- 4:4:4, 10 bit and 12 bit	□	□	-
Video Analysis			
WFM/Vector/Picture	●	●	●
Diamond	●	●	●
HDR Graticules	□	□	-
STOP - HDR	□	-	-
CIE - WCG	□	-	-
False Color - HDR	□	-	-
False Color - WCG	□	-	-
Light Meter - HDR/WCG	□	-	-
Production Trend Graph	+	-	-
Ancillary Data Capability			
SDI Payload	□	●	●
IP Payload ST 2110-40	□	-	-
Closed Captions (EIA-608,708)	□	●	□
Teletext (OP47, ST2031)	□	●	□
SCTE 104	□	-	-
Timing			
Ref Timing to Black	●	●	●
Quad Link Timing	□	□	-
Ref Timing to PTP	□	-	-

Models	Recommended		
	PRISM	WFM 8300	WFM 7200
Audio Input Formats			
SDI embedded	●	●	●
IP ST 2110-30, 31	●	-	-
Analog, AES-EBU	-	□	□
Audio Capability			
Meter up to 16 tracks	●	□	□
Meter up to 32 tracks	□	-	-
Lissajous	□	□	□
Loudness	□	□	□
DOLBY E Decode	□	□	□
DOLBY Guardband	□	□	□
Surround	+	□	□
LKFS Trending	+	□	□
Dolby D, D+	+	□	□
Dolby ED2	+	-	-
Dolby Downmix	●	-	-
Dolby decoded output	+	□	□
Advanced Measurement			
Datalist	□	●	●
SDI Eye pattern, Jitter	□	□*	□*
IP Session	□	-	-
IP Graphs	□	-	-
PTP Graphs	□	-	-
AV Delay	+	●	●
4 active traces - 3G	●	●	●
4 active traces - 4K	+	-	-
Multi Channel Input	+	●	□
Video / Audio Outputs			
SDI with embedded audio	●	●	●
Analog AES-EBU	-	□	□
System Integration			
API	●	-	-
NMOS	●	-	-
SNMP	● (Trap)	●	●
VNC Remote Session	●	-	-
Syslog Message	+	-	-
Event triggering	+	●	●

- Standard feature
- Optional feature
- * Optional feature—limited supply available
- + Planned feature (subj to change)



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Specifications subject to change without notice.
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