

Internally Sound

Video Signals

Analog / Digital	Video Formats Name	Names	Info	Supports Multiple Resolutions	Number of Conductors	Connector Types	Connector Lables	Individual Signal Names
Analog	RF	"RF"	Used for Cable TV signals, includes audio (can be digital)	Yes	1	Coax "F"	RF	
Analog	Composite	"Composite"	Most common form of video	no	1	1 - RCA or 1 - BNC	Composite	
Analog	S-Video	"S", "S-Video", "Y/C"		no	2	4 Pin Mini DIN or 2x BNC	Y C	luminance chrominance
Analog	Component	"Component", "YUV"	Can be standard definition or High definition	Yes	3	3 - RCA or 3 - BNC	Y Pb Pr	Green Blue Red
Analog	VGA	"VGA", "RGBHV"	Computer Format	Yes	5	15 Pin VGA or 5x BNC	R G B H V	Red Green Blue Horizontal Sync Vertical Sync
" DVI "			The DVI Connector is used to input / output digital or analog Analog (VGA) Digital (DVI) Analog or Digital (Device configurable / Integrated)	Yes	Up to 29	DVI - A DVI - D DVI - I	DVI - A DVI - D DVI - I	
Digital	M1-DA		Analog, Digital, and USB - Integrated	Yes	35	DVI, USB		
Digital	HDMI		HDMI and DVI-D (or DVI-I) Can be same digital video signal HDMI includes digital audio transmission as well There are different HDMI Standards HDMI can have HDCP encryption	Yes	19	HDMI	HDMI	
Digital	SD-SDI	"SDI"	Serial Digital Interface	Yes	1	BNC	SDI	
Digital	HD-SDI	"HD-SDI"	High Definition Serial Digital Interface	Yes	1	BNC	HD-SDI	