

## CAMERA CABLING OPTION COMPARISON

Option	Cable option	MSRP Unit Price	Qty	Extended Cost (no labor)	Comment
A	GameChanger cable	\$0.40	38,000	\$15,010.00	Option uses Game Changer Cable which supports PoE+ and 100 Mbps to 650 ft and 10 Mbps to 850 ft. Longest cable run in garage is approx. 500 ft. Highest camera stream is 20Mbps. Will be the simplest option to install. Lowest cost option and recommended option.
	Surge Suppressor - 24 Port	\$1,216.00	5	\$6,080.00	
	24 port Patch panel cost	\$243.00	5	\$1,215.00	
	Total option cost			\$22,305.00	

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B	Category 6 CMR Cable	\$0.14	38,000	\$5,320.00	Option uses standard CAT 6 cable with a 16 port extender in MDF and 1 port extender at camera. Extenders add costs and points of failure. Will have higher installation labor costs due to increased device installation.
	Surge Suppressor - 24 Port	\$1,216.00	5	\$6,080.00	
	24 port Patch panel cost	\$243.00	5	\$1,215.00	
	PoE Extender at Camera	\$385.00	106	\$40,810.00	
	16 port POE Extender in IDF	\$7,300.00	7	\$51,100.00	
	Total option cost			\$104,525.00	

Option	Cable option	MSRP Unit Price	Qty	Extended Cost (no labor)	Comment
C	PoE Extender Modules	\$1,195.31	53	\$63,351.56	Option uses a powered fiber cable (fiber + copper). Quote is based on using one cable for two cameras. Using fiber cable will eliminate need for surge suppression at MDF but will require media conversion or switches which will accept SFP fiber modules. Will be most complicated and costly to install due to number of components and fiber connections.
	Powered Fiber & Required accessories	\$14.94	106	\$1,583.38	
		\$10.75	106	\$1,139.50	
		\$10.75	106	\$1,139.50	
		\$145.85	6	\$875.10	
		\$49.83	5	\$249.13	
		\$0.86	19,000	\$16,387.50	
	Fiber Connectivity in IDF	\$93.75	106	\$9,937.50	
		\$456.25	1	\$456.25	
		\$381.25	9	\$3,431.25	
	Power Supply in IDF	\$32.38	106	\$3,431.75	
		\$531.25	2	\$1,062.50	
		\$380.00	7	\$2,660.00	
		\$8.75	1	\$8.75	
		\$275.00	1	\$275.00	
		\$312.50	1	\$312.50	
		\$343.75	2	\$687.50	
		\$8.75	1	\$8.75	
	Fiber / Copper SFPs	\$93.75	106	\$9,937.50	
	Chassis in IDF	\$656.00	6	\$3,936.00	
	Media Converter for IDF	\$50.00	106	\$5,300.00	
	Total option cost			\$126,170.91	
	Total option cost w/o Media Conversion			\$116,934.91	

↑ Pricing comparison designed for a parking structure with 106 cameras in April of 2018.

↑ Solution prices above do not include labor.



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