MATRIX SWITCHER/CONTROLLER COMPARISON CROSSREFERENCE																	
		Philips	**Philips**	**Philips**	**Philips**	**Pelco**	**Pelco**	**Pelco**	**Pelco**	**Pelco**	**Amer. Dynam.**	**Amer. Dynam.**	**Amer. Dynam.**	**Amer. Dynam.**	**KALATEL**	**KALATEL**	**KALATEL**
		Allegiant	**Allegiant**	**Allegiant**	**Allegiant**	**Matrix System**	**Matrix System**	**Matrix System**	**Matrix System**	**Matrix System**	**Matrix System**	**SYSTEM V**	**Matrix System**	**Matrix System**	**MINI MATRIX**	**MID-SIZE MATRIX**	**DIGIPLEX IV**
	FEATURE / SPECIFICATION :	**LTC 8500**	**LTC 8600**	**LTC 8800**	**LTC 8900**	**CM6700**	**CM8500**	**CM9500**	**CM9740**	**CM9760**	**AD32**	**AD2150**	**AD168**	**AD1024**	**KTS-41**	**KTS-348 Series**	**KTS-440 Series**
	Camera Input Capacity	64	128	256	4096	16	32	208	256	976	32	32	168	1024	8	32	512
	Monitor Output Capacity	8	16	64	512	2/4	16	16	32	256	5	5	24	128	4	8	64
	Maximum Number of Keyboards	8	16	32	64	8	8	8	16 ?	32	2 "Touch Trackers"	16	32 ?	40	4 ?	64	?
	Maximum Number of Alarm Inputs	128	512	1024	2048	18	32	64	64 ?	256	8	128	1024	1024	8	32 ?	?
	Maximum Number of Sequences	60	60	60	256	6 ?	16	14	?	?	?	29	128	192 ?	4	8 ?	64 ?
	Video Looping Capability	Switch Selectable	Looping w/Panel	Looping w/Panel	Looping w/Panel	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	No	Yes	Yes ?
	RS-232 Interface Port for External Host Support	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	No	Yes	Yes
	Logging Printer Port	Yes	Yes	Yes	Yes	No	No	Yes	No	Yes	No	Alarms Only	Yes	No	No	No	No
	SatelliteSwitch Capability	Master or Satellite	Master or Satellite	Master or Satellite	Master or Satellite	No	No	No	"Networking"	"24 Networking Nodes"	No	No	No	Yes	No	No	No
	SatelliteSwitch Crosspoint Capacity	256 x 8	1024 x 16	2048 x 32	4608 x 512	N/A	N/A	N/A	?	096 x 384 via Networkin	No	N/A	N/A	8192 x 128	N/A	N/A	N/A
	Redundant CPU Configuration Available	No	No	No	Yes	No	No	No	Yes	Yes	No	No	No	Yes	No	No	No
HARDWARE RELATED SPECIFICATIONS:																	
	Equipment Boxes Required for 8x2	1	1	1	2 + CPU	1	1	1	1 + CPU	1 + CPU	1	1	1	1 + CPU	1	1	1
	Equipment Rack Space Required for 8x2	178mm or 7"	267mm or 10-1/2"	267mm or 10-1/2"	622mm or 14"	89mm or 3-1/2"	133mm or 5-1/4"	311mm or 12-1/4"	400mm or 15-3/4"	444mm or 17-1/2"	89mm or 3-1/2"	89mm or 3-1/2"	222mm or 8-3/4"	311mm or 12-1/4"	ox = 5.75"x 8.15"x 2.15	89mm or 3-1/2"	133mm or 5-1/4"
	Equipment Boxes Required for 64x8	1	1	1	2 + CPU	N/A	N/A	1	1 + CPU	1 + CPU	N/A	N/A	1	1 + CPU	N/A	N/A	1
	Equipment Rack Space Required for 64x8	178mm or 7"	267mm or 10-1/2"	267mm or 10-1/2"	622mm or 14"	N/A	N/A	311mm or 12-1/4"	400mm or 15-3/4"	444mm or 17-1/2"	N/A	N/A	222mm or 8-3/4"	311mm or 12-1/4"	N/A	N/A	133mm or 5-1/4"
	Equipment Boxes Required for 128x16	N/A	1	1	2 + CPU	N/A	N/A	1	1 + CPU	1 + CPU	N/A	N/A	2	1 + CPU	N/A	N/A	4
	Equipment Rack Space Required for 128x16	N/A	267mm or 10-1/2"	267mm or 10-1/2"	622mm or 14"	N/A	N/A	311mm or 12-1/4"	400mm or 15-3/4"	444mm or 17-1/2"	N/A	N/A	444mm or 17-1/2"	311mm or 12-1/4"	N/A	N/A	444mm or 17-1/2
	Equipment Boxes Required for 128x32	N/A	N/A	1	2 + CPU	N/A	N/A	N/A	2 + CPU	2 + CPU	N/A	N/A	N/A	2 + CPU	N/A	N/A	4
	Equipment Rack Space Required for 128x32	N/A	N/A	267mm or 10-1/2"	622mm or 14"	N/A	N/A	N/A	667mm or 26-1/2"	711mm or 28"	N/A	N/A	N/A	578mm or 22-3/4"	N/A	N/A	444mm or 17-1/2
	Equipment Boxes Required for 256x64	N/A	N/A	2	2 + CPU	N/A	N/A	N/A	N/A	2 + CPU	N/A	N/A	N/A	5 + CPU	N/A	N/A	10
	Equipment Rack Space Required for 256x64	N/A	N/A	533mm or 21"	622mm or 14"	N/A	N/A	N/A	N/A	711mm or 28"	N/A	N/A	N/A	1378mm or 54-1/4"	N/A	N/A	888mm or 35"
	Equipment Boxes Required for 1024x128	N/A	N/A	N/A	10 + CPU	N/A	N/A	N/A	N/A	32 + CPU (for 976 x 128)	N/A	N/A	N/A	34 + CPU	N/A	N/A	N/A
	Equipment Rack Space Required for 1024x128	N/A	N/A	N/A	2756mm or 108-1/2"	N/A	N/A	N/A	N/A	8712mm or 343"	N/A	N/A	N/A	9112mm or 358-3/4"	N/A	N/A	N/A
SEQUENCE SPECIFICATIONS:																	
	SalvoSwitch Capability	Yes	Yes	Yes	Yes	Limited	Limited	Limited	?	Limited	No	8	64	64	No	No	No
	Global Sequence Capability	Yes	Yes	Yes	Yes	No	No	No	?	?	No	Yes	64	64	No	No	No
	Activate Receiver/Driver Functions in Sequences	Using PC Software	Using PC Software	Using PC Software	Using PC Software	Preposition only	Preposition only	?	?	Yes	No	Yes	No	Yes	No	No	No
ALARM RESPONSE SPECIFICATIONS:																	
	Alarm Response Modes	3 + "VersAlarm"	3 + "VersAlarm"	3 + "VersAlarm"	3 + "VersAlarm"	1 ?	1 ?	1 ?	1 ?	1 ?	1 ?	5	5	5	1	1 ?	1 ?
	Alarm Activate Preposition	Yes	Yes	Yes	Yes	Yes	?	Yes	?	Yes	No	Yes	?	Yes	No	No	No
	Zone Alarm Capability	Using PC Software	Using PC Software	Using PC Software	Using PC Software	No	No	?	?	?	No	Yes	?	?	No	No	No
	Activate Receiver/Driver Functions on Alarm	Using PC Software	Using PC Software	Using PC Software	Using PC Software	Preposition only	?	?	?	No	?	Yes	?	Yes	No	No	No
	Alarm Activated Camera Switching	Using PC Software	Using PC Software	Using PC Software	Using PC Software	No	No	No	No	Yes	No	No	No	No	No	No	No
	Alarm Activated Macros	Using PC Software	Using PC Software	Using PC Software	Using PC Software	No	No	No	No	Yes	No	No	No	No	No	No	No
	Alarm Based Camera Titles	Using PC Software	Using PC Software	Using PC Software	Using PC Software	No	No	No	No	No	No	No	Yes	?	No	No	No
	Selectable Alarm Capture Feature	Using PC Software	Using PC Software	Using PC Software	Using PC Software	?	?	?	?	?	?	Limited	Limited	Limited	No	No	No
EXTERNAL SOFTWARE OPTIONS:																	
	PC Based Configuration Software Support	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	No	Yes	Yes	Yes	No	?	Yes
	PC Based GUI Software Support	Yes	Yes	Yes	Yes	No	No	No	No	?	No	Yes	No	Yes	No	?	?
	PC Software Printout of System Tables	Yes	Yes	Yes	Yes	No	No	No	No	Yes	No	No	?	?	No	No	No
	Real Time PC Monitoring of System Status	Yes	Yes	Yes	Yes	No	No	No	?	Yes	No	Yes	No	?	No	No	No
USER ACCESS FEATURES:																	
	Log-In Security Feature	Yes	Yes	Yes	Yes	No	Yes	Yes	?	?	No	?	?	?	No	No	No
	Password Based Security Feature	Yes	Yes	Yes	Yes	Some	Yes	Yes	?	?	No	No	Yes	Yes	No	No	No
	Operator Priority Levels	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	No	No	No
	Operator Priority Lockouts	Yes	Yes	Yes	Yes	Yes	Yes	Yes	?	Yes	No	No	Yes	Yes	No	No	?
	Fixed Operator / Keyboard Lockouts	Using PC Software	Using PC Software	Using PC Software	Using PC Software	Limited	Limited	Limited	?	Yes	No	Yes	Yes	Yes	No	No	?
SAFETY/EMISSION AGENCY APPROVALS:																	
	UL and/or CE Agency Approval	UL and CE	UL and CE	UL and CE	UL and CE	UL and CE	UL and CE	No	?	CE	UL	UL and CE	UL and CE	UL and CE	?	?	?
	FCC and/or EEC Emissions/Immunity Approval	FCC and EEC	FCC and EEC	FCC and EEC	FCC and EEC	?	?	?	?	?	CFR	FCC	FCC	FCC	?	?	?
MISCELLANEOUS CAPABILITIES:																	
	Variable Speed Camera Control Support	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	?	?	?
	System / Keyboard Macros	Yes	Yes	Yes	Yes	2	?	?	Yes	Yes	No	No	No	Yes	No	No	No
	Camera Re-Numbering Capability	Using PC Software	Using PC Software	Using PC Software	Using PC Software	No	No	?	Yes	Yes	No	No	No	Yes	No	No	No
	Time Activated Features	64 Using PC Software	64 Using PC Software	64 Using PC Software	128 Using PC Softwar	No	Sequences only	Sequences only	Yes	Yes	Yes	Sequences	Alarms and Sequences	Alarms and Sequences	No	No	No
	Black-Outlined On-Screen Characters	No	Yes	Yes	Yes	Yes	Yes	Yes	?	?	?	Yes	Yes	Yes	Camera Number only	No	No
	Configuration Table Printout via Keyboard	Yes	Yes	Yes	Yes	No	No	No	No	?	No	No	No	No	No	No	No
	Sequence Tables Printout via Keyboard	Yes	Yes	Yes	Yes	No	No	No	No	?	No	No	No	No	No	No	No
	Integral Video Loss Detection	No	Yes	Yes	Yes	Yes	Yes	?	Yes	Yes	No	No	Yes	Yes	No	No	Yes
	Product Warranty	3 Years	3 Years	3 Years	3 Years	?	?	?	?	?	?	?	?	?	?	?	?
ACCESSORY PRODUCT CAPABILITIES:																	
	Receiver/Driver with Built-in Random Scan	Yes	Yes	Yes	Yes	?	?	?	?	?	Yes	Yes	Yes	Yes	No	No	No
	Receiver/Driver with Auto-Home Function	Yes	Yes	Yes	Yes	?	?	?	?	?	?	?	?	?	?	?	?
	Control Code Translators	Multiple Versions	Multiple Versions	Multiple Versions	Multiple Versions	?	?	?	?	?	?	?	?	?	?	?	?
	Integral Receiver/Driver Test/Control Feature	Yes	Yes	Yes	Yes	?	?	?	?	?	No	No	No	No	?	?	?
	Receiver/Driver "Dither" Feature	Yes	Yes	Yes	Yes	No	No	No	No	No	No	No	No	No	No	No	No
	Thumbwheel Receiver/Driver Address	Yes	Yes	Yes	Yes	?	?	?	?	?	No	No	No	No	No	No	No
	Full Support of AutoDome Cameras	Yes	Yes	Yes	Yes	No	No	No	No	No	No	No	No	No	No	No	No