

MATRIX & PERIPHERAL

Matrix & LCD Monitor

Infrared Illuminator / Other Products

Pan/Tilt / Scanner

Keyboard / Infrared Remote Controller



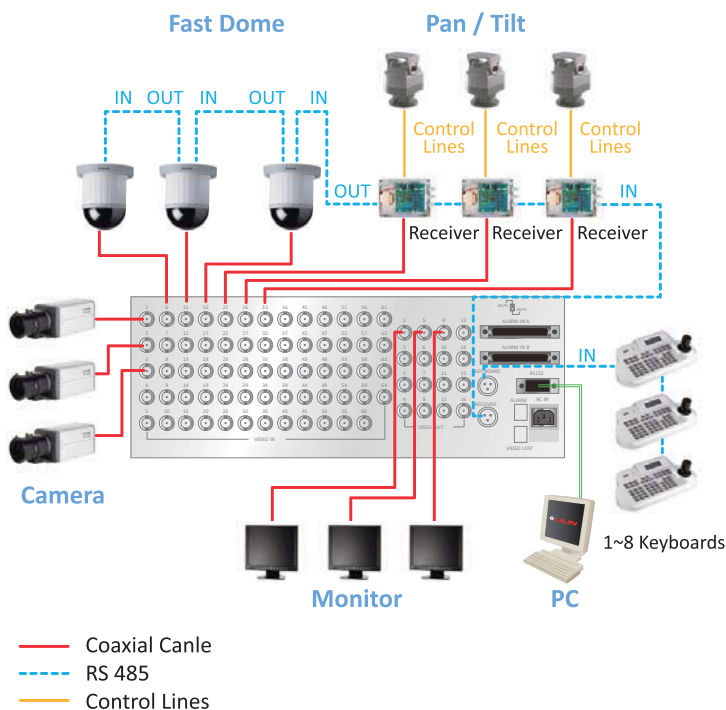
PIH 816III / 832III / 864III / 820III PMH L17AC / L19AC

Matrix &
Peripheral Products

Matrix & LCD Monitor

Matrix				
Product Picture				
Model	PIH-816III	PIH-832III	PIH-864III	PIH-820III
Input Voltage	AC 117V / AC230 V			117 / 230Vac
Camera Input	16	32	64	-
Monitor Output	8	8	16	-
Alarm Input	16	32	64	-
Alarm output	1			-
Frequency Response	10Hz to 60 MHz			-
S / N Ratio	Better Than 60 dB			-
Video Output	CVBS 1.0Vp-p 75Ω			-
Keyboard Control	Max. 8 RS-485			-
PC Control	Max 1 RS-232 (External Interface Required)			-
Alarm Contact	NO / NC (D-SUB 37 PIN Female Connector)			-
Weight	5.7 Kg		8.0 Kg	
Dimension	434(W) x 90(H) x 290(D)		434(W) x 135(H) x 290(D)	
RS-485 Max Distance	-		1000m	
DIP Switch Setting	-		1 ~ 64	
Pan & Tilt Output	-		24 / 117 / 230Vac	
Camera Output	-		12Vdc / 24 / 117 / 230 Vac	
Lens Output	-		6 / 12Vdc	

LCD Monitor	
Product picture	
Model No.	PMH-L17AC PMH-L19AC
Panel Size	17" LCD 19" LCD
Resolution	1280 x 1024 @ 75Hz
Pixel Pitch	0.264 (H) x 0.264 (V) mm
Contrast rate	500 : 1
Brightness	300 cd/m2 (Max)
Display Rate	4 : 3
View Angle	L / R: 70 / 70 , U / D: 70 / 60 L / R: 70 / 70 , U / D: 75 / 60
Response Time	Tr + Tf = 8 ms
Video Signal	Analog RGB Signal , Composite Signal 0.6 ~ 1Vp-p / 75 ohm , Y: 1Vp-p , C: 0.3Vp-p
Scan Frequency	H: 31K ~ 81KHz , V: 56 ~ 75Hz
Power Failure Auto Recovery	Auto Power On and Default in AV1
OSD Control	Auto Config , Brightness , Contrast , Color-Temp , Position , Image Quality , Menu
OSD Language	English , French , Deutsch , Spanish , Italian , Traditional Chinese(6)
Input Connector	D-Sub x1Video Input (BNC) x 1Video Input (RCA) x 1Audio Input (RCA, Stereo) x 1 (L+R x 2 , 1 set)Audio Input (Φ 3.5mm Jack) x 1 (for PC Input) Power Input(DC 12V / 4.16A) x 1
Output Connector	No Video Output (BNC) x 1
Panel Protection	Anti-glare , Hard coating (3H)
Audio Speaker	2W x 2
Looping 75 ohm	No Yes (AV3)
VESA Spec.	75 x 75 mm
Power	DC 12V , 4.16A
Power Consumption	50W
Temperature	5°C ~ + 40°C
Humidity	20% ~ 85% RH
Unit Dimension	400 (W) x 385 (H) x 160 (D) mm 430 (W) x 425 (H) x 160 (D) mm
Net Weight	5 Kg 5.35 Kg
Accessory	AC Power Cord , D-Sub to D-Sub Cable , Adapter , User's Manual CD





PRH 5218 / 5440 / 5840

Matrix &
Peripheral Products

Infrared Illuminator

Infrared Illuminator	
Product Picture	
Model	PRH-5218 PRH-5440 PRH-5840
Power Input Voltage	DC12V ±10% AC24V ±10% AC90 ~ 260V max.
Radiant Distance	18m (59ft) 40m (131ft)
Window	Φ59 Φ88
Infrared LED	Wave Length 850nm
	Angle 30° 20°
	Quantity 21 units 12 units
	Power On Sensor Auto Control
IP Rating	IP68 IP66
Mounting	Bottom
Construction	Aluminum
Power Consumption	2.0W 7.2W
Operating Temperature	-20°C ~ + 60°C (-4°F ~ + 140°F)
Dimension	78mm (W) x 66.5mm (H) x 107mm (D) Φ100 x 185mm
Weight	300g 1060g



PIH 804III / 810III / 6001 / 6002




Other Products

	Data Distributor	Alarm Extender	Video Amplifier	Video Distributor
Product Picture				
Model	PIH-804III	PIH-810III	PIH-6001	PIH-6002
Input Voltage	12Vdc	90~240 Vac	117 / 230Vac	
System	-	-	NTSC / PAL	
Current	-	-	-	-
Output Voltage	-	-	-	-
Telemetry Output	4 x RS-485	1 x RS-485	-	-
Telemetry Input	1 x RS-485	1 x RS-485	-	-
RS-485 Max Distance	1000m	-	-	-
DIP Switch Setting	-	1 ~ 64	-	-
Gain / HF Frequency	-	-	10Hz ~ 4.5MHz (±3dB)	10Hz ~ 15MHz
Video Output	-	-	BNC 0.4 ~ 2.0Vp-p 75Ω	4 x 1.0 ~ 2.0Vp-p 75Ω
Video Input	-	-	BNC 1.0Vp-p 75Ω	1 x 1.0 ~ 2.0Vp-p 75Ω
Maximum Video Gain	-	-	12dB (±3dB)	1dB
Frequency Bandwidth	-	-	4.5MHz	1Hz ~ 15MHz
Weight	0.4Kg	-	1.3Kg	1.25Kg



PIH 302 / 303 / 305S





Pan/Tilt

	Indoor Pan/Tilt	Indoor Scanner	Outdoor Pan/Tilt
Product Picture			
Model	PIH-302	PIH-305S	PIH-303
Input Voltage	24 / 117 / 230Vac		
Pan Speed	6°/ sec		
Pan Travel	355°,Adjustable limit stops	350°,Adjustable limit stops	355°, Adjustable limit stops
Tilt Speed	4°/ sec	-	3°/ sec
Tilt Travel	+30°Up, -40°Down	90°Down	+50°Up, -50°Down
Maximum Load	Pan 7KgTilt 4Kg	7Kg	15 Kg
Duty Cycle	Pan: continuous, Tilt: intermittent	continuous	Pan : continuous, Tilt: intermittent
Seals	Dust-proof Gasket seals		
Weight	1.9Kg	0.9Kg	5.7Kg



PIH 301C / 302C / 306 / 307 / 308

Scanner




	Outdoor (301C) / Indoor (302C) Pan / Tilt Control		Scanner Control	Scanner Control 5-Channel	Multiple Pan/Tilt/ Lens Control
Product Picture					
Model No.	PIH-301C	PIH-302C	PIH-306	PIH-307	PIH-308
Input Voltage	117 / 230Vac				24 / 117 / 230Vac
Output Voltage	24 / 117 / 230Vac				
Control Buttons	Auto / Off / Manual, Left / Right / Up / Down		Auto / Off / Manual, Left / Right		
Construction	Steel,Silver Gray Baked Enamel Finish				
Lens Output Voltage	-				8~16Vac(adjustable)
Lens Control	-				Zoom, Focus, Iris
Number of PTZ	-				5 x PTZ
Weight	1.25Kg		1.25Kg	2.20Kg	4.30Kg



PIH 931D / 932T / 800III / PIH 800EK

Matrix & Peripheral Products



Keyboard (For all Fast Dome Series)

	Multi-functional 3D/2D Keyboard Controller	Keyboard Controller	Keyboard Expander
Product Picture			
Model No.	PIH-931D	PIH-932T	PIH-800EK
Joystick	3 Axis (Pan/ Tilt / Zoom)	2 Axis (Pan / Tilt)	-
Movement Speed control	Pan:8 Steps, Tilt:8 Steps, Zoom:16 Steps	Pan:8 Steps Tilt:8 Steps	-
Data Communication	RS-485 Standard(Format N, 8, 1, Baud rate 9600bps)	RS-485, 9600 Baud	-
Connector	RJ-45 / 8Pin (Format N, 8, 1, Baud rate 9600bps)	-	-
Control Mode	PTZ / MATRIX / DVR	-	-
LCD Display	20 Characters x 4 Lines	-	-
Keyboard Keypad	Total 54 keys 0~9 Numeric Keys, CAM, MON, MATRIX, DVR, PRESET, CLR, ENT, SET, ESC, ALARM RESET, KEYLOCK, SEQ, AUTO PAN and SHIFT Keys, Lens Control Keys, DVR control Keys, Receiver Control Keys, Function Keys	-	-
Input Voltage	DC 12V±10% / 250mA	DC 12V	-
Operating Temperature	-5°C ~ + 60°C (23°F ~ 140°F)	-5°C ~ +60°C	-
Input Voltage	DC 12V±10% / 250mA	DC12V	
DIP Switch Setting	-	Direct to Dome / Master/ Slave	-
Telemetry Output	-	1 x RS-485	-
Telemetry Input	-	1 x RS-485	-
RS-485 Max Distance	-	1000m	-
Power Consumption	3W	250mA	250mA
Control Interface	-	-	RS-485(1 Input / 1 Output)
Baud Rate	-	9600	9600,N,8,1
LED Indicator	-	-	Green: Power, Red: Transmission, Yellow: Receiving
Connection Capacity	-	-	Keyboard Controller: 4, Fast Dome Camera: 64
Diameter(mm)	340(W) x 194(D) x 103(H) mm	370(L) 190(W) 83(H)mm	92(L) x 73(W) x 27(H)
Weight	1350 g	1300 g	1500g
			60g



TX 212 / RX 212

Infrared Remote Controller (For all Fast Dome Series)

	Infrared Remote Controller	Infrared Receiver
Product Picture		
Model	TX212	RX212
Power Supply	DC 3.0V [AAA(UM-4) battery x 2]	DC 12V ±10%
Power Consumption	120 mW	1W
Ambient Operation Temperature	0°C ~ + 40°C (32°F ~ 104°F)	-10°C ~ + 50°C (14°F ~ 122°F)
Operating Humidity	0% ~ 90%	
Infrared Beam Spread	30°	
Infrared Radiant Distance	8 M	
Infrared Frequency	38 KHz	
Communication Control Interface	-	RS-485
Dimensions	50mm (W) x 22mm (H) x 175mm (D)	72mm (W) x 28mm (H) x 100mm (D)
Weight	80g (not including battery)	60g