

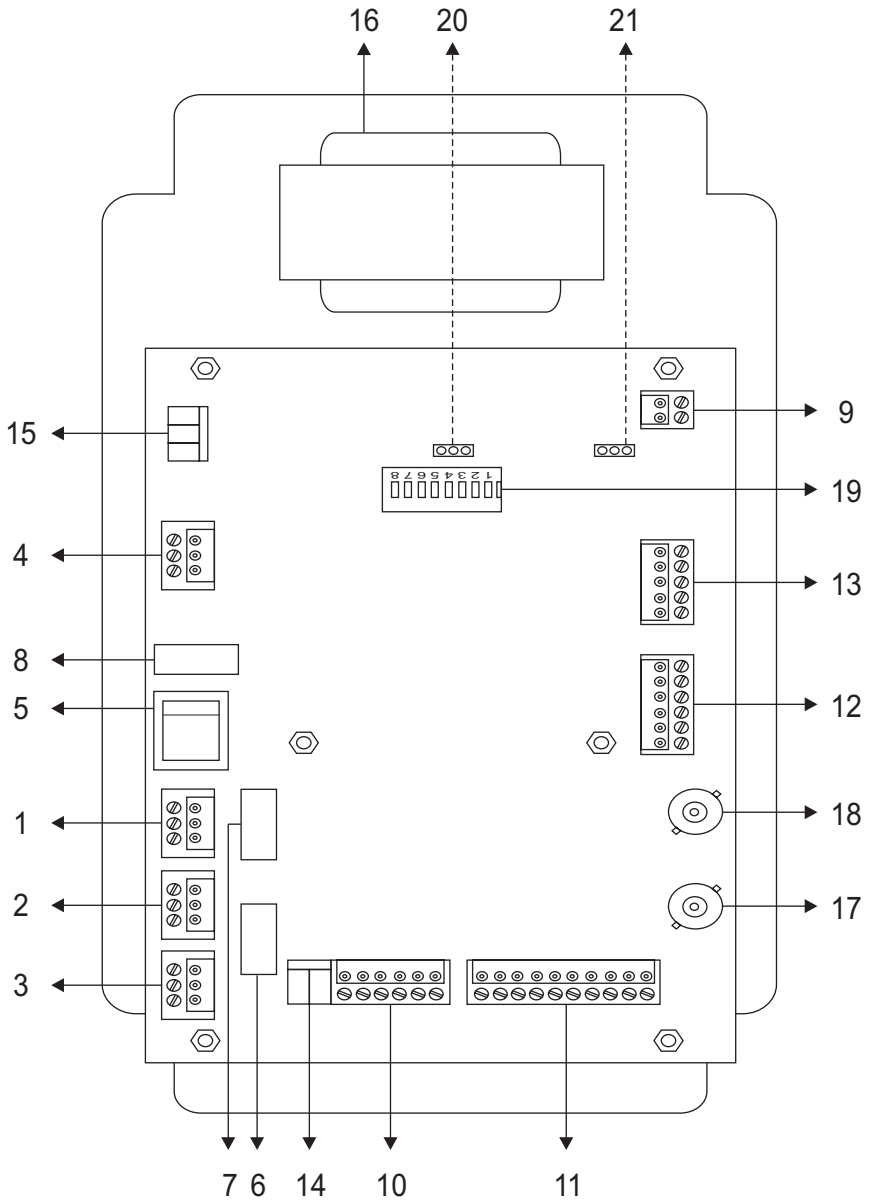


# TELEMETRY RECEIVER

PIH - 820

## INSTRUCTION MANUAL





1. AC INPUT : AC power input
2. AC OUTPUT 1 : Power output for camera
3. AC OUTPUT 2 : Power output for scanner
4. TO TRANSFORMER : Power output to transformer
5. Power ON / OFF
6. F3 : Fuse to protect Pan - Tilt
7. F2 : Fuse for AC Output 1 and AC output 2
8. F1 : Fuse to protect transformer
9. 12V : 12VDC output "+"  
GND : 12VDC output "-"

10. PAN-TILT : connect to Pan - Tilt

AUTO : Automatic

D : Downward movement

U : Upward movement

R : Right movement

L : Left movement

G : Common

11. Additional controls :

(1) AUX 2 : Extra power switch connection point

(2) WIPER : Housing wiper control

(3) SPRAY : Housing sprayer control

(4) LIGHT : Auxiliary light support

12. Zoom Lens Controls :

● ZOOM W / ZOOM N :

Zoom in and zoom out function control

● FOCUS N / FOCUS F :

Focus near and focus far function control

● IRIS L / IRIS S :

Iris large and iris small function control

### 13. Signal Controls :

- TXDI + :  
Control signal "+" input ; connect to matrix (Receiver) or keyboard (IN) "-"
- TXDI - :  
Control signal "-" input ; connect to matrix (Receiver) or keyboard (IN) "-"
- TXDO + :  
Control signal "+" output ; connect to "+" control signal input of another receiver or Fast Dome
- TXDO - :  
Control signal "-" output ; connect to "-" control signal input of another receiver or Fast Dome
- GND :  
Ground connection

### 14. Power Input for Pan / Tilt or Scanner

### 15. FROM TRANSFORMER : Output for transformer

### 16. Transformer

### 17. VIDEO IN : Input of video signal

### 18. VIDEO OUT : Output of video signal

# 19. Camera address (ID number) set up :

Allows keyboard to call a particular camera with a matching camera ID number.

Camera address is set up using a binary "on/off" switch.

Example : Assign first camera as number 1

Dip Switch 1 should be set to "off" and Dip Switch 2 ~ 8 should be set to "on".

(see table below for other ID set up)

1		17		33		49	
2		18		34		50	
3		19		35		51	
4		20		36		52	
5		21		37		53	
6		22		38		54	
7		23		39		55	
8		24		40		56	
9		25		41		57	
10		26		42		58	
11		27		43		59	
12		28		44		60	
13		29		45		61	
14		30		46		62	
15		31		47		63	
16		32		48		64	

20. JP1 :

To obtain faster clockwise turn speed for lens functions (such as ZOOM, FOCUS etc.) jumper should connect pin1 and pin2. But if slower speed is desired, jumper should connect pin2 and pin3.

21. JP2 :

To obtain faster counterclockwise turn speed for lens functions (such as ZOOM, FOCUS etc.) jumper should connect pin1 and pin2. But if slower speed is desired, jumper should connect pin2 and pin3.

**DISTRIBUTOR:**