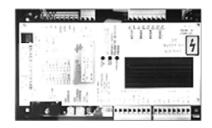# MOLYNX SYSTEMS

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RX-AC17-S-PCB

17 Function Preset AC Telemetry Receiver

RX-AC17-S-PCB
Data Sheet

The RX-AC17-S-PCB is a compact 17 function preset telemetry receiver, compatible with SCU Fixed speed Telemetry, supplied as 230V AC input and output unit.

Additionally, the RX-AC17-S-PCB offers preset positioning of the pan, tilt, zoom and focus functions. Up to 57 preset positions may be stored in the receiver (check transmitter capability).

A test button provides a comprehensive test facility to ease installation and maintenance.

Receiver Options / part codes

RX-AC17-S-PCB	**Optional 230V AC or 110V AC input**
RX-AC17-S-PCB-24	**Factory fit 24V AC input available**

Before attempting to connect or operate this product, please read the instruction manual completely

Technical data

Dimensions

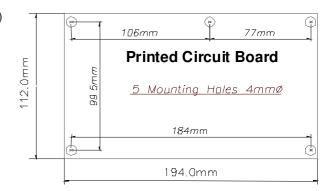|	L	W	H	Weight
PCB ~	194mm	112mm	30mm	0.5kg

Mechanical Specifications

Mounting Details: PCB – 5 x 4mm dia. holes.
Weight: Printed circuit board: 500g
Operational: Operating temperature: -20°C to +40°C. (Ta = +25°C)
MTTR: 30 Mins MTBF: 30,000hrs at Ta

Printed Circuit Board

5 Mounting Holes 4mmØ

Electrical Specifications

Power Requirements:
Optional 230V, 110-120V or,24V AC 50/60Hz @ 20VA
Mains Cable:
Recommended minimum : 0.75mm² (Supply fused at 6Amps or less.).
Fuse Ratings :
Board Fuse : F0.25AH (250mA 250 V AC 5x20 Type (F), HBC)
Auxiliary Functions : T2AH (2 A 250 V AC 5x20 Type (T),HBC)
Pan and Tilt Functions : T2AH (2 A 250 V AC 5x20 Type (T), HBC)

Operation

Protocol: Siemens SCU Fixed Speed RS485 (tested using a Siemens CCMW3025 3MP IP Camera)

- Pan, tilt, zoom, focus, iris, auto iris and auxiliary functions of, wash, wipe, camera and lamps.
- 57 preset positions per camera head assembly.
- Self test facility
- RS485 SCU Fixed speed protocol. Baud rate: 2400, Parity: Even, Data bits: 8, Stop bits:1
- Please note the maximum camera address number is 254

Function	Preset / Keystroke Needed	Function	Preset / Keystroke Needed
Wash On 3 seconds	Preset 64	Aux Relay On	Preset 60 or using the CKA keyboard 'Mon F2'
Wipe On	Preset 63	Aux Relay Off	Preset 60 or using the CKA keyboard 'Mon F3'
Wipe Off	Preset 63	CAMERA RESET	Program Preset 59 CKA Keyboard 'Cam/AX F1'
Cam On	Preset 62 CKA Keyboard 'Cam/AX F5'	Preset Tour of Presets 1,2,3,4 ,5 and 6 repeated (5 sec dwell)	Preset 58 CKA Keyboard 'Cam/AX Start'
Cam Off	Preset 62 CKA Keyboard 'Cam/AX F4'	Preset Store (1 -57)	
Lamps On	Preset 61	Preset Recall (1 – 57)	
Lamps Off	Preset 61	Wash on 3 seconds and wipe on for 10 seconds	Not used by the IP camera. CKA Keyboard any Relay 1 or 2 key press ('Cam F2' or 'Cam F3')

Before attempting to connect or operate this product, please read the instruction manual completely