

The series BDR-510 & BDR-550

The Ernitec series BDR-510 Telemetry Receivers receive and present commands over a twisted pair cable, to Pan/Tilt units, motorised lenses and auxiliary equipment (lights, gates etc.)

Fitted with power supplies and housed in IP-rated, weather proof boxes, the Telemetry Receivers are available with video transmitters for twisted pair cable and Power Supply for 24 VAC Pan/Tilt. As many as 32 Telemetry Receivers can be connected on a single line up to 1200 metres apart. In the event of local power failure the station is by-passed, allowing communication to the other units.

Ernitec series BDR-550 are advanced Telemetry Receivers and share the features of Series BDR-510, while providing: Text insertion and the opportunity to programme up to 30 separate pre-positions for pan, tilt, focus and zoom. Sequences of any 30 of the pre-positions are programmable. A handy Service Keyboard is included to facilitate programming during installation.

Features

- Galvanic separation of video and control
- 32 units on one twisted pair line
- Versions with text and 30 pre-position memory
- Versions with 2 - 6 auxiliary relay output
- Supplied in IP 65 rated box fitted with power supply

The BDR-575

The Ernitec BDR-575 is an advanced pre-position telemetry receiver with variable speed operation of Pan/Tilt functions. The BDR-575 is used with 24 VDC Pan/Tilt heads and the Ernitec joystick keyboards (1501M & 1503M). High accuracy prepositions are obtained using a 10 bit A/D-converter. The BDR-575 is configured to the Ernitec MPT-5P high speed Pan/Tilt unit.

Features

- 126 pre-positions
- Home-position
- Automatic sequence of pre-positions
- 8 auxiliary outputs
- Programmable privacy zones
- Built-in Test- and Setup modes



BDR 510



BDR 550



BDR 575

Specifications

	Version	Basic					Advanced			
		510	511/2	512/2	513/2	514/2	550	551	575	
Inputs	Type (BDR-)	ERNA Control RS-485								
	Video level	2.5 – 12 Vpp								
	Video impedance	N/A		1 Vpp		N/A		1 Vpp		N/A
	Feedback voltage P/T/Z/F	N/A		75 Ohm		N/A		75 Ohm		N/A
Output	PCM (Control)	N/A					0 – 5 VDC			
	Video level balanced	6 Vpp					124 Ohm		N/A	
	Video impedance balanced	N/A		2 – 5 Vpp		N/A		5 VDC		
	Feedback voltage for pot.	N/A					5 VDC			
	Pan/tilt voltage	115/230 VAC	24 VAC	115/230 VAC	24 VAC	-	115/230 VAC	24 VAC	24 VDC	
Functions	Camera PSU, 12VDC/350mA						•	•		
	Pan/tilt	•	•	•	•	-	•	•	•	
	Zoom/focus/iris	•	•	•	•	•	•	•	•	
	Auto iris (max. 24V, 0.5 A)						•	•		
	Auxiliary relays	2	2	2	2	6	5	5	8	
	Pre-positions						30	30	126	
	Pre-positions sequence						•	•	•	
	Auto panning								•	
	Text insertion						•	•		
	Galvanic separated output			•	•		•	•		
	Unbalanced output 1.2 – 5 Vpp						•	•		
	PCM by-pass relay	•	•	•	•	•	•	•		
General	Temperature range	- 15°C – 55°C								
	Power requirements	Selectable 115/230 VAC					230 VAC (also available in 115 VAC)			
	Power consumption	5 VA	35 VA	10 VA	35 VA	5 VA	20 VA	60 VA	200 VA	
	Dimensions, see below	♦	♦♦			♦	♦♦♦		♦♦♦♦	
	Weight	1.6 kg	3.1 kg	2.6 kg	3.1 kg	1.6 kg	8.3 kg	9.1 kg	7.1 kg	
	Protection	IP 65								
Approvals	EN50081-2, EN50082-2, EN60950									
Accessories	Service keyboard	N/A				Included			N/A	
	Dimensions in mm:	H x W x D								
	♦	110 x 170 x 220								
	♦♦	230 x 300 x 85								
	♦♦♦	300 x 300 x 120								
	♦♦♦♦	280 x 380 x 135								

