Bolin Technology KBD-1010-RNV PTZ Camera Remote Controller/RS232/RS422/RS485/IP-Onvif/Visca-Over-IP

Model No.	KBD-1010-R	KBD-1010-RN	KBD-1010-RNV
Input/Output Connectors			
Control Input/Output	RS232: RJ45 x1 RS422: RJ45 x2 LAN: RJ-45 x 1 Not Activated Tally In/Contact Out: 9pin x1 USB2.0*: Type A x1	RS232: RJ45 x1 RS422: RJ45 x2 LAN: RJ-45 x 1, 10BASE-T/100BASE-TX automatically detected Tally In/Contact Out: 9pin x1 USB2.0*: Type A x1	RS232: RJ45 x1 RS422: RJ45 x2 LAN: RJ-45 x 1, 10BASE-T/100BASE-TX automatically detected Tally In/Contact Out: 9pin x1 USB2.0*: Type A x1
Control Signal Format	Baud Rate: 2400/4800/9600/19200/38400 (For RS232■RS422■ VISCA over IP communication		
Power Connector	JEITA type 4 ■12VDC In■		
Firmware Upgrade	USB2.0 for FW Upgrade Only		
Display	LED		
Speed Control	Yes, 2 Knobs (Pan/Tilt, Zoom)		
Zoom Seesaw Lever	Yes		
Zoom Ring of Joystick	Yes		
ASSIGN Button	Yes, 6		
Camera Control			
Maximum Camera Control	Allow to control up to total 255 cameras with combining multiple protocols use in a single system.		
Maximum IP Connections	-	Onvif Only: 255	Onvif/VISCA Over IP Only: 255
Maximum Serial Connections	RS232: 7(VISCA), RS422: 2x7 (VISCA), RS485:255(Pelco P/D)		
Control Protocol	Pelco P/D over RS485, Visca over RS232/RS422 -	Pelco P/D over RS485, Visca over RS232/RS422 Onvif	Pelco P/D over RS485, Visca over RS232/RS422 Onvif, VISCA over IP, CGI**
Max Controller Qty/System	Unlimited		
Key/Button Illumination	Yes, multi-color LED indicators		
Direction Function of Buttons/Knobs			
Exposure Model Selection	Yes, Button		
OPW Auto Adjustment	Yes, Button		
BLC	Yes, Button		
Display the Status of WB,Iris,Gain,Shutter,Focus	Yes		
WB Model Selection	Yes, Button		
R,B Gain Adjustment	Yes, Knob		
Iris Value Adjustment	Yes, Knob		
Shutter Speed Adjustment			
Focus Model Selection	Yes, Button		
One-Push Auto Focus	Yes, Button		
Manual Focus	Yes, Knob		
General			
Power/Input & Voltage	ndependent power supply 12VDC(9V■12V), POE(IP), Power via RS422/232 port using Junction Box included. Power transmit up to 80-100 meters		
Current Consumption	3W		
Operation Temperature	0°C■40°C■(32°F to 104°F)		
Storage Temperature	-20°C■60°C■(-4°F to 140°F)		
Dimensions	278 mm x 132 mm x 99.5 mm (Without Base Bracket)		
Weight	1kg (Without Base Bracket)		
Supplied accessories	Power Adapter (110VAC~220VAC to 12VDC/2A) x1, Power and RS232/RS422 Junction Box and Control Cable x 1, Magnetic Base Bracket x1, Phoenix connectorX1, User manual		
Optional accessories	RJ45 Adapter for RS232 + RJ45 Coupler, RJ45 Adapter for RS422 + RJ45 Coupler		

Notes	Available functions/specifications depend on camera specification Functions may differ based on different version of the firmware. * USB2.0 for firmware upgrade only. ** CGI feature to be supported on future firmware release