

# ZoneVu ZVR 530+ Telemetry Receiver Specification

DIGITAL-IP X

ANALOGUE ✓

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## Specification

Enclosure - PCB format - Universal mounting bracket open frame, which can be installed either vertically or horizontally.

Dimensions - PCB mounted on universal bracket - W143mm D155mm H42mm

Weight - PCB format - 570g including universal bracket

Power Input - 24V AC +/- 10% 50-60Hz 96VA rated. Quiescent power-up surge 29VA; operating 10VA

Temperature - Storage -20° to +60°C Operational 0° to +50°C Humidity 10% to 95% non-condensing

ZoneVu Network Port - RS422/RS485 half duplex or simplex

Serial Integration Port (SIP) - RS232-RS422-RS485-TTL-full duplex

Alarm Inputs - Contact type - Tamper and six unassigned. All N/O or N/C Other - Video loss. Sync. monitoring

Diagnostic LED's - +5V and CPU (heartbeat), ZoneVu Network Communications Tx and Rx, Serial Integration Ports 1-2 Tx and Rx

OSD - Camera captions - Dynamic text - Privacy zones - Configuration - Menus - Alarm captions - command captions - position captions. Two columns of 16 characters per column. 161 rows. Selectable greyscale shading with additional letter outline.

Functions Connectors - Miniature Klippon 2-part 2 to 6 way - Relay 6, spade connections direct to relay

Video Connectors - BNC 75R

Video Inputs - 1V p-p 75R terminated. PAL CCIR

Video Outputs - 1V p-p 75R impedance. PAL CCIR

Pan and Tilt Drive - +24VDC PWM variable speed control

Pan and Tilt Brake - +24VDC

Iris - Proportional dual speed linear drive +6V and +9VDC

Camera Power - +12VDC +/- 1V 8W maximum

Relay 1 NC or NO volt free contacts 1A 30V AC/DC

Relay 2 NC or NO volt free contacts 1A 30V AC/DC

Relay 3 NC or NO volt free contacts 1A 30V AC/DC

Relay 4 NC or NO volt free contacts 1A 30V AC/DC

Relay 5 NC or NO volt free contacts 1A 30V AC/DC

Relay 6 NO volt free contacts 16A 250VAC 30VDC(Optional Extra)



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## Ordering Information

ZVR-530+RS485-PCB - ZoneVu advanced telemetry receiver PCB with RS485 SIP. Functions - independent proportional variable speed control of DC pan, DC tilt, zoom and focus, dual speed iris, slow speed range, wash, wipe, zoom, focus, iris, auto-iris override, lamp, aux1, aux2, aux3, ordered, random and mimic patrols, global support, soft stop, variable lens speed, variable head speed, 20 x dynamic privacy zones (OSD type) with 100 levels of translucency, electronic P&T end stops, dynamic captions with 16 shades of grey scale and selectable outline, camera fail, 6 x alarm contacts, static caption, head diagnostics, 64 presets plus home, remote configuration, camera configuration management, auto-time out facilities, local alarm management, alarm reporting, upload/download of configuration data, integrated digital camera configuration, 16 line CSD. Designed to locate inside camera housing. RS485 half duplex control. On-board self-test diagnostics and tamper alarm. Requires 24VAC, not supplied.

ZVR-530+RS232-PCB - As above but with RS232 Serial Integration Port

ZVR-530-PSU - ZVR-530-XXXX 24VAC 96 VA Transformer

ZVR-530-HCR - ZoneVu advanced telemetry receiver PCB fitted with High Current relay option.



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## Specification Continued

Zoom and Focus - +12VDC PWM proportional variable speed control

Head Feedback Outputs - +5VDC and OVDC

Head Feedback Inputs - Pan, tilt, zoom and focus. 0 - +5VDC Max

Address Range - 1 - 999

Static Caption - 164 characters by 16 lines with selectable greyscale shading and border

Alarm Text - 14 characters x 8 alarms

Presets PTZF - 64

Ordered Patrols - 10

Mimic Patrols - 2

Dynamic Privacy Zones - 20

MTBF - 56,502 Hours

