

VB-PCRD Predator
Ruggedised Polecam



vemotion

More video, less bandwidth

VB-PCRD

The **VB-PCRD** from Vemotion is an ultra-reliable rapid deployment camera, delivering high quality video over low bandwidth in an integrated surveillance solution.



Designed for the ultimate rugged rapid deployment solution, the VB-PCRD Predator Ruggedised Polecam exemplifies Vemotion's 'plug & play' philosophy. Insert any data SIM card (cellular version), add power and you are good to go. While perfect for fixed, permanent deployment, the Predator Polecam is ideal for those demanding situations where rapid deployment is a must.

Vemotion recognises that a rapid deployment solution needs to be up and running with minimal effort, and that is what the VB-PCRD delivers. Its single person setup, together with high level durability and fully ruggedised weather proof construction, means it can literally go anywhere. And, wherever it's taken, it connects the moment it's switched on.

The VB-PCRD is 1080p and has a 30x Optical zoom, along with continuous 360-degree pan and day night capability. All the usual camera features (pan, zoom, tilt, etc.) can be controlled remotely via the Vemotion intelligent software or industry standard VMS platforms, both IP and Analogue.

The Predator Polecam makes use of Vemotion's optimised video compression and unique, low latency, V-TX transmission technology; technology which is fully encrypted and secure. This further differentiates the VB-PCRD within the marketplace, while delivering ease of use and rock-solid performance.

All Vemotion's products are designed to be 'plug & play', to be highly reliable, and to put you in complete control of the bandwidth used. They all work without the need for any specialist SIM cards or expensive airtime contracts, so keeping usage costs to a minimum.

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VB-PCRD Specification

General

-	Integrated with existing infrastructure and VMS platforms
-	Integrated 2.5G, 3G, 4G, Ethernet, Wi-Fi
-	Local and remote recorded video playback and retrieval
-	Remote PTZ
-	GPS
-	Client server architecture
Dynamic Encoding Profiles	Manual and automatic
Compression	Vemotion's Optimised H.264

Control room integration

-	ONVIF Support
-	Bespoke IP integration from industry leading VMS platforms
-	Standard integration over IP RTSP H.264

Recording

-	Loop or protected mode
Internal Storage	500GB - 1TB SSD mSATA
Definable Recording Profiles	Resolution, framerate, bitrate for maximum flexibility

Mechanical

Dimensions	H54.2cm x W15.5(base) W24.8cm (head)
Weight	8.9kg
IP Rating	IP68
Mounting	Bracket and strap – single engineer deployable
Colour and Housing	Black Aluminium enclosure for external use
Pan Tilt Zoom	Pan: 360° endless 400° per second Tilt: 90° 30x Optical zoom 12X Digital zoom
Resolution	1920x1080p resolution
Max Frame Rate	25fps
Video Streaming	Multiple, individually configurable streams in H.264 Controllable frame rate and bandwidth
Min. Illuminance	0.002Lux (Colour) 0.0002Lux (B/W)
Day/Night	Settings available for automatic day/night
Lens	6 – 180 mm

Mechanical

Power	24v ac/30v dc
Consumption	Approx. max power draw of 5amps

Environmental

Operating Temperature	-40°C to +60°C
CE & FCC approval	IP68; Impact, vibration & shock certified approvals to IK10

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