COWLAR

A smart cow collar

Rugged neck collar (non-invasive)   **Easy to install (1 min)**   **No monthly maintenance**   **Long battery life**

Our smart neck collars monitor dairy cows 24 hours a day, 365 days a year. We gather temperature, rumination, activity & other behavior data. Our intelligent algorithms process this information and provide insights. This brings much needed visibility into your farms operations allowing farm managers to make informed, timely and profitable decisions.

Smart monitoring allows you to detect heath disorders before visual symptoms appear. Early intervention when administering treatment & having a reliable option for selective treatments based on individual animal needs can save time & money. In addition to that, we can monitor body movement patterns & Gait to provide you with the highly accurate Estrus detection alerts. Simply strap the cowlar to your cows neck and install our solar power base unit anywhere on your farm (it has a 2 mile range). Designed with care to ensure no disruption to any farm operations, our rugged, waterproof & non-invasive monitoring system is comfortable for the cow to wear & requires once a year maintenance.

Detect Health problems quickly & start early treatment

By combining rumination, temperature, activity & behavior data of each cow, we can develop a very accurate picture of what a heathy cow is looks like. Our software generates alerts when we discover a cow is not well. This prompts the dairy staff to concentrate on a smaller group of cows and call the vet as necessary.

Boost reproduction

Our smart monitoring allows round the clock monitoring of cows. Traditional methods of detecting when a cow is in heat are prone to failure. Silent heat or if visual symptoms are missed by staff or appear at night can cause potential loss of income. Every time you miss a pregnancy, the farm loses 21 days of milk production and a delayed birth of a calf. Our smart collar can complement traditional methods and significant increase your chances of successful & timely insemination. Never miss a heat cycle with Cowlar.

Reduce Costs

Cowlar combines each individual cow's feeding, rumination, stress level and activity to help you optimize the number 1 cost on your farm : Feed. Our system also allows you to automatically track and address each cow's unique needs depending on its condition and stage (or its lactation cycle). Our customers have also seen a significant reduction in scheduled Vet visits. We'll soon allow customers to send each cows report to the Vet directly via email.

Why Cowlar ?

Our system makes life easy for the dairy staff as they can concentrate and address the important things happening on your farm. It makes life easy for the cows because they get better care, produce better & more milk and it can help farm owners improve your profit margin by upto 30%. As the dairy industry has seen the price volatility of the past two years, its time to adopt something new. It's time to get Cowlar.

932 W Oliver Ave, Sunnyvale, CA 94086   **info@cowlar.com**   **www.cowlar.com**

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SPECIFICATIONS	
Dimensions	110 (L) x 62 (W) x 33 (H) mm
Material	Sensor - hard bio-plastic
Strap	Synthetic Nylon (colors: Red, Blue or Black) or Leather
Weight	242 grams
Battery	Single recharge lasts up to 6 months
Charging	USB charger (provided separately)
Sensors	Infrared temperature and 6 axis Motion detection
Waterproof	Yes (IP68 rated)
Communication	Wireless (range up to 2 miles from base unit)
Install Time	Less than 60 seconds
Farm size	5 to 5,000 cow farms
Installation	No technical expertise required. Just follow the instructions.
What we measure	Ambient + Core body temperature, Activity, Rumination, Body movement pattern, Step count, Gait, Posture, Eating behavior, Comfort & Lameness.
Output	We send actionable recommendations via phone, text, email or via online dashboard based on your preferences