

USING ARTIFICIAL INTELLIGENCE AS THE RICHMOND HILL WATCHDOG

MAKING THE HILL THE SAFEST BURB IN NMB



WE ARE THE ONLY ONES WHO CARE ENOUGH TO CONTROL CRIME

Walmer precinct

2022/23 Annual Statistics:
3 562 crimes in total
(CrimeStats)

Nelson Mandela Bay is the fourth-
most crime-ridden city in Africa
(Statista)

In August Richmond Hill reported
12 crimes out of 107 in Humewood
Precinct

Summerstrand 52.



Richmond Hill is the safest sector in the precinct



Serious crime is relatively rare



We want to keep it that way



A better place to live



Property prices will go up

A COMMUNITY WORKING TOGETHER

I do a lot of programs on crime prevention, and when a community puts its foot down that it will not tolerate crime, it can have a bigger impact than law enforcement will ever have.

QUOTEHD.COM

Bill Rose



Already at least 30 cameras in Richmond Hill



Cameras which are not monitored do nothing to prevent crime



We have engaged all the security companies for a number of years.



The SRA does not have the funds to purchase cameras or to pay for monitoring.



The solution we are proposing spreads the costs among participating neighbours.



Camera is mounted on high wall of homeowner – needs UPS power and constant Internet plus spotlight also on UPS / solar



It is already having an impact in other suburbs. 800 cameras installed and operational.

HOW IT WORKS

Strategically placed cameras



Between 10 pm and 06:00 am

Camera identifies movement

- Evaluates movement

Alert triggered

- Sent to WhatsApp group
- HRG Control Room
- Private security company

Responders

- Evaluate threat
- Respond appropriately

Mill Draft Layout

ations



PROPOSED CAMERA POSITIONING

400 m

ONCE OFF COSTS

Year 1 Camera installation Cost - <u>once-off</u>				
Number of residents participating	Number of cameras	Camera Installation cost incl vat	Total Cost	Unit cost per resident
200	50	R1 380.00	R69 000.00	R345.00
175	50	R1 380.00	R69 000.00	R394.29
150	50	R1 380.00	R69 000.00	R460.00
100	50	R1 380.00	R69 000.00	R690.00

NB: Costs are for installation – camera remains property and responsibility of Magnum.

- Maintenance
- Upgrading
- Flexibility

MONTHLY COSTS

Year 1 Monitoring fee monthly

Year 2 monitoring will be the same as year 1

Number of residents participating	Number of cameras	Monitoring per month per camera incl Vat	Total monthly monitoring Cost Incl Vat	Unit cost per resident monthly monitoring only Incl Vat	Annual Cost per resident Incl Vat
200	50	R225.00	R11 250.00	R56.25	R675.00
175	50	R225.00	R11 250.00	R64.29	R771.43
150	50	R225.00	R11 250.00	R75.00	R900.00
100	50	R225.00	R11 250.00	R112.50	R1 350.00

WAY FORWARD

Working together



Two scenarios

Minimum 200 people commit

Install and monitor 50 cameras

Rollout by block

Neighbours get together by street/block/area

Roll out sequentially

Existing security contracts

Stay in place – this is an alert, not a response

ONCE OFF COSTS PER BLOCK/STREET

Year 1 Camera installation Cost - <u>once-off</u>				
Number of residents participating	Number of cameras	Camera Installation cost incl vat	Total Cost	Unit cost per resident
5	1	R1 380.00	R1 380.00	R276.00
10	2	R1 380.00	R2 760.00	R276.00
15	4	R1 380.00	R5 520.00	R368.00
20	6	R1 380.00	R8 280.00	R414.00

NB: Costs are for installation – camera remains property and responsibility of Magnum.

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MONTHLY COSTS BY BLOCK/STREET

Year 1 Monitoring fee monthly

Year 2 monitoring will be the same as year 1

Number of residents participating	Number of cameras	Monitoring per month per camera incl Vat	Total monthly monitoring Cost Incl Vat	Unit cost per resident monthly monitoring only Incl Vat	Annual Cost per resident Incl Vat
5	1	R225.00	R225.00	R45.00	R 540.00
10	2	R225.00	R450.00	R45.00	R 540.00
15	4	R225.00	R900.00	R60.00	R 720.00
20	6	R225.00	R1 350.00	R67.50	R 810.00

Momentum Insurance may offer a discount on your short-term premium

NEXT STEPS

- This initiative will not be run by the SRA offices – it is up to the residents and building owners
- Rollout will be progressive – as blocks or streets adopt the programme
- Get together with your neighbours to agree on the area to be covered
- Appoint a person to act as liaison and who will have sole access to all the cameras – householders on whose building the camera is mounted will be able to see their own
- Contact Magnum Alarms to give advice and a costing
- Arrange between yourselves and Magnum the payment mechanism

QUESTIONS

■ Brendan Ah Shene

Contacts

Magnum

Brendan: 083 327 2503

Nielan Nagan: 041 451 3867

SRA

John Bryce: 084 250 4478

Malcolm MacLean: 083 449 0379

Ed Richardson: 083 656 9757

