

NEXA GATE SERIES

NX-VR310

Vehicle Detection Radar

TIER 3 ESSENTIAL



79 GHz

MILLIMETRE
WAVE

6 m

DETECTION
RANGE

NO / NC

RELAY
OUTPUT

IP66

PROTECTION
RATING

01 OVERVIEW

79 GHz millimetre-wave radar that detects vehicles in the lane and stops the boom closing on them. Mounts on the barrier with no road cutting, unlike a ground loop, and suits finished driveways and basements.

02 KEY FEATURES

01 79 GHz millimetre-wave detection

Millimetre-wave detection is unaffected by rain, dust or surface water.

02 No road cutting — replaces a ground loop

Mounts on the barrier itself — no saw-cutting a finished driveway or basement slab.

03 Prevents the arm closing on vehicles

Holds the boom up while a vehicle is still under it.

04 Relay output to the barrier controller

Relay output wires straight into the barrier safety input.

03 TYPICAL APPLICATIONS

Finished Driveways

Basement Car Parks

Apartment Entrances

Corporate Gates

Hospitals

Mall Entrances

04 RECOMMENDED SOLUTION

Residential & Corporate Gate

APARTMENTS, OFFICES, HOSPITALS

NX-BR360-T

NX-VR310

NX-RC320

Hands-free resident access with no road cutting.

Basement Car Park

LOW-CEILING BASEMENTS

NX-BR545-F

NX-BR560-F

NX-SF310

NX-VR310

Folding arm clears low ceilings safely.

05 TECHNICAL SPECIFICATIONS

TYPE		ELECTRICAL	
Product type	Millimetre-wave vehicle detection radar	Power supply	DC 12–24 V
PERFORMANCE		ENVIRONMENT	
Frequency	79 GHz	Protection rating	IP66
Detection range	Up to 6 m	APPLICATION	
INTERFACE		Function	Detects vehicles in the lane and prevents the boom closing on them; no road cutting needed
Output	Relay, NO / NC	COMPATIBILITY	
		Works with	All NEXA GATE boom barriers

Values shown as "up to" or "typical" are indicative industry figures, not tested results. Confirm critical values with your Nexakey distributor before tender.

06 ACCESSORIES & RELATED MODELS

NX-SF310 Infrared Safety Beam	NX-BR735 High-Speed Boom Barrier	NX-BR360-T Boom Barrier
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07 WARRANTY & SUPPORT

Exclusive Distributor DigiMark Solution is the exclusive Nexakey distributor for Bangladesh. Warranty is registered and serviced locally — no overseas RMA.	Nationwide Service Service and spare-part support through branches in Dhaka, Chattogram and the divisional offices.
Installation & Commissioning Site survey, installation and commissioning by trained engineers, with handover training for your security team.	Spare Parts Held Locally Fast-moving parts stocked in Dhaka to keep lane downtime short.

08 ORDERING INFORMATION

MODEL	DESCRIPTION	AVAILABILITY
NX-VR310	Vehicle Detection Radar	Indent Order
NX-SF310	Infrared Safety Beam	Indent Order
NX-BR735	High-Speed Boom Barrier	Indent Order
NX-BR360-T	Boom Barrier	Indent Order

Availability indicative. Confirm lead time and warranty terms with your exclusive Nexakey distributor at order. Prices on request.