

# The REG Series from Bosch

## Quick Selection Guide



**BOSCH**  
Invented for life



**REG-X**

**REG-L1**

**REG-D1**

**REG-Z1**

**REG-SENTRY**

### Key features

- |  |  |  |  |  |
|--|--|--|--|--|
| <ul style="list-style-type: none"> <li>▶ Close range capture camera</li> <li>▶ 24/7 capture, day and night</li> <li>▶ Integrated LED infrared illumination</li> <li>▶ Energy efficient, low voltage operation</li> <li>▶ Compact, discreet, easy installation</li> </ul> | <ul style="list-style-type: none"> <li>▶ Consistent, reliable licence plate capture</li> <li>▶ Field proven to deliver the high contrast images needed for ALPR</li> <li>▶ Integrated LED infrared</li> <li>▶ Capture at speeds up to 160km/h [100mph]</li> <li>▶ Energy efficient, low voltage operation</li> </ul> | <ul style="list-style-type: none"> <li>▶ Licence plate capture with colour overview camera</li> <li>▶ Enables surrounding area surveillance including vehicle colour and make</li> <li>▶ Integrated LED infrared</li> <li>▶ Capture at speeds up to 160km/h [100mph]</li> <li>▶ Energy efficient, low voltage operation</li> </ul> | <ul style="list-style-type: none"> <li>▶ Licence plate capture with integrated colour overview camera option</li> <li>▶ Long range capture to 50m</li> <li>▶ Integrated LED infrared</li> <li>▶ High speed capture for highway and motorway applications</li> <li>▶ Energy efficient, low voltage operation</li> </ul> | <ul style="list-style-type: none"> <li>▶ ALPR based access control</li> <li>▶ Stand alone solution or integrate with existing access control equipment</li> <li>▶ Choice of REG cameras</li> <li>▶ Automatically permit or bar entry to any vehicle attempting to enter a secure site</li> </ul> |
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### Order codes

REG-X-816XC 16mm, CCIR, 4.5-7.5m	REG-L1-812XC-01 12mm, CCIR, 3-6m	REG-D1-812XC-01 12mm, CCIR 3-6m	REG-Z1-8050-XC-00C-01 w/ overview cam & LED 50mm, CCIR, 15-25m	REG-SENTRY-00-1EU Euro licence plate library no cam
	REG-L1-816XC-01 16mm, CCIR, 5-8m	REG-D1-816XC-01 16mm, CCIR, 5-8m	REG-Z1-8075-XC-00C-01 w/overview cam & LED 75mm, CCIR, 20-35m	REG-SENTRY-X-1EU Euro licence plate library REG-X, 16mm, 7.5m
	REG-L1-825XC-01 25mm, CCIR, 7-12m	REG-D1-825XC-01 25mm, CCIR, 7-12m	REG-Z1-8100-XC-00C-01 w/overview cam & LED 100mm, CCIR, 30-50m	REG-SENTRY-L1-1EU, Euro licence plate library REG-L1, 50mm, 18m
	REG-L1-835XC-01 35mm, CCIR, 11-18m	REG-D1-835XC-01 35mm, CCIR, 11-18m	REG-Z1-8050-XO-00C-01 50mm, CCIR, 15-25m	
	REG-L1-850XC-01 50mm, CCIR, 17-25m	REG-D1-850XC-01 50mm, CCIR, 17-25m	REG-Z1-8075-XO-00C-01 75mm, CCIR, 20-35m	
			REG-Z1-8050-XC-00C-01 100mm, CCIR, 30-50m	

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	REG-X	REG-L1	REG-D1	REG-Z1	REG-SENTRY
<b>Description</b>					
	Close range licence plate capture camera	Licence plate capture camera	Licence plate capture with colour overview camera	Licence plate capture with optional colour overview camera	"Stop & Go" ALPR based access control solution
Max capture range	7.5m [25ft]	25m [82ft]	25m [82ft]	50m [164ft]	7.5m [25ft] or 18m [59ft]*
Max capture speed	50km/h [30mph]	160km/h [100mph]	160km/h [100mph]	190km/h [120mph]	8km/h [5mph]
IR illumination	High efficiency 850nm LED infrared array				
Typical operational life	> 5 Years				
Lens options	16mm	12mm, 16mm, 25mm, 35mm, 50mm	12mm, 16mm, 25mm, 35mm, 50mm	50mm, 75mm, 100mm	16mm or 50mm*
Resolution licence plate camera	400 TVL	600TVL	600 TVL	600 TVL	400TVL or 600TVL*
Resolution overview camera			480 TVL	480 TVL	
<b>Construction</b>					
Material	Robust, weather sealed aluminium casting & extrusion				
Standard colours	Black [RAL B401]	Black [RAL B401]	Black [RAL B401]	Black [RAL B401] with white [RAL 9016] sunshields	Black [RAL B401]
Dimensions	96 x 219mm [3.8 x 8.6"] Ø x L	250 x 154 x 165mm [9.8 x 6.1 x 6.5"] W x H x L	281 x 275 x 170mm [11.0 x 10.8 x 6.6"] W x H x L	236 x 224 x 261mm [9.3 x 8.8. x 10.3"] W x H x L	*
Weight	1.2Kg [2.7lbs]	2.8Kg [6.2lbs]	5.8Kg [12.7lbs]	6.5Kg [14.2 lbs]	*
<b>Power</b>					
Power input	Low voltage 12 VAC or 24 VDC operation				
Power consumption	12W	30W	30W	30W	12W or 30W*
<b>Environmental</b>					
Weatherproofing	IP66	IP66	IP66	IP66	IP66
Operational temperature	-30°C to +55°C [-22°F to +131°F]	-50°C to +50°C [-58°F to +122°F]	-50°C to +50°C [-58°F to +122°F]	-50°C to +50°C [-58°F to +122°F]	-50°C to +50°C [-58°F to +122°F]
<b>Optional</b>					
Power supplies (EMEA)	If mains voltage required order PSU-230-24 separately		If mains voltage required order PSU-230-24-100W separately		
Mounting options	-				
	Pole mount and wall mount options, order EXMB.028B [black, cable managed bracket] or EXMB.061 [top pole mount bracket] separately				
<b>Typical applications</b>					
	ANPR, petrol forecourts, ATM's, drive thru's, gated communities, access control	ANPR, Intelligent Transport Systems (ITS), traffic monitoring, access control & security, airports	ANPR, Intelligent Transport Systems (ITS), toll booths, ports & harbours, retail	ANPR, Intelligent Transport Systems (ITS), highway & motorway applications, traffic monitoring	Access control, gated communities, office blocks and factories, warehouses

\* Dependent on camera selected