


BOSCH

Invented for life

REG-L1 License Plate Cameras



- ▶ DHC imaging technology for definitive high contrast images
- ▶ High speed capture to 160 km/h (100 mph)
- ▶ Metaphase LEDs for powerful IR illumination
- ▶ Capture to 25 m (82 ft)
- ▶ 24/7 Capture in day and dark conditions
- ▶ Advanced Ambient Rejection Technology
- ▶ Energy efficient operation at 12 to 24 VAC/VDC
- ▶ Compact housing, installer friendly design

The REG-L1, featuring innovative DHC imaging technology, delivers advanced performance and represents the next generation of number plate capture solutions.

REG-L1 integrates advances in optics, electronics, IR illumination and Ambient Rejection Technology to deliver consistent, reliable number plate capture in the most challenging of conditions

With an operational range of up to 30 m (100 ft), REG-L1 delivers high contrast number plate images across the complete spectrum of ambient lighting conditions, from total darkness to direct glare from sunlight and vehicle headlights. A speed-optical synchronization system captures the plate from vehicles moving at speeds of up to 160 km/h (100 mph) enabling effective capture on motorways, highways and in other high speed applications.

The unit housing is weather-sealed and field proven for successful application in extreme environments. REG-L1's high efficiency Metaphase LED array eliminates the need for routine bulb changes. An improved electronic design allows for energy efficient operation at 12 to 24 VAC/VDC

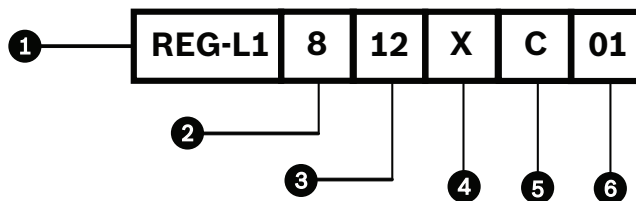
REG-L1 is designed to work on a stand-alone basis, with NVRs or with DVRs. It is specifically designed to work with third party ANPR software.

Functions

Applications

- ANPR
- Traffic monitoring
- Border control
- Access control
- Car parking
- Policing
- Post event investigation
- 12 V to 24 VAC/VDC operation

Installation/Configuration Notes



1. Model	REG-L1	
2. Wavelength	8	850 nm
3. Lens	12	12 mm
	16	16 mm
	25	25 mm
	35	35 mm
	75	75 mm

4. Camera Type	X	Standard
5. Region	C	CCIR
	E	EIA
6. Color	01	Black

Technical Specifications

Operational Range	Up to 30 m (100 ft)
Camera Sensors	1/2 in LXR CCD sensor
Resolution	High resolution 600 TVL
IR Illumination	High efficiency metaphase LED array, 850 nm
Life	Greater than 5 years
Input	12 to 24 VAC/VDC
Consumption	30 W
Temperature Range	-50 °C to +50 °C (-58 °F to +122 °F)
Construction	Robust, weather sealed aluminum casting and extrusion
Environmental	Sunshield
Dimensions	250 x 154 x 165 mm (9.8 x 6.1 x 6.5 in)
Weight	2.8 kg (6.2 lb)
Color	Supplied in black(RAL B401)
Bracket	Supplied with mounting block as standard, order bracket separately, select from optional accessories
Power Supply Unit	PSU230-24-100W if mains operation is required, order PSU separately

Ordering Information

REG-L1-812XE-01 License Plate Camera **REG-L1-812XE-01**
License Plate Reader with LED, 12 mm lens, SX8 camera, EIA, 7 to 14 ft, psu separate

REG-L1-812XC-01 License Plate Camera **REG-L1-812XC-01**
License Plate Reader with LED, 12 mm lens, SX8 camera, CCIR, 3 to 6 m (10 to 20 ft), psu separate

REG-L1-816XE-01 License Plate Camera **REG-L1-816XE-01**
License plate reader with LED, 16 mm lens, SX8 camera, EIA, 12 to 22 ft, psu separate

REG-L1-816XC-01 License Plate Camera **REG-L1-816XC-01**
License plate reader with LED, 16 mm lens, SX8 camera, CCIR, 5 to 8 m (16 to 26 ft), psu separate

REG-L1-825XE-01 License Plate Camera **REG-L1-825XE-01**
License plate reader with LED, 25 mm lens, SX8 camera, EIA, 20 to 34 ft, psu separate

Ordering Information

REG-L1-825XC-01 License Plate Camera **REG-L1-825XC-01**
License plate reader with LED, 25 mm lens, SX8 camera, CCIR, 7 to 12 m (23 to 40 ft), psu separate

REG-L1-835XE-01 License Plate Camera **REG-L1-835XE-01**
License plate reader with LED, 35 mm lens, SX8 camera, EIA, 27 to 48 ft, psu separate

REG-L1-835XC-01 License Plate Camera **REG-L1-835XC-01**
License plate reader with LED, 35 mm lens, SX8 camera, CCIR, 11 to 18 m (36 to 59 ft), psu separate

REG-L1-850XE-01 License Plate Camera **REG-L1-850XE-01**
License plate reader with LED, 50 mm lens, SX8 camera, EIA, 40 to 68 ft, psu separate

REG-L1-850XC-01 License Plate Camera **REG-L1-850XC-01**
License plate reader with LED, 50 mm lens, SX8 camera, CCIR, 17 to 25 m (55 to 82 ft), psu separate

REG-L1-875XE-01 License Plate Camera **REG-L1-875XE-01**
License plate reader with LED, 75 mm lens, SX8 camera, EIA, 55 to 80 ft, psu separate

REG-L1-875XC-01 License Plate Camera **REG-L1-875XC-01**
License plate reader with LED, 75 mm lens, SX8 camera, CCIR, 21 to 30 m (70 to 100 ft), psu separate

Accessories

EXPS.009 VAC Power Supply **EXPS.009**
Power supply 24 VAC, 2500 mA RoHS

PSU230-24-100W VAC Power Supply **PSU230-24-100W**
Power Supply, 230 VAC / 24 VAC, 100 W

EXMB.017B Wall Mount Adapter Bracket **EXMB.017**
Wall Mount Adapter, Black

EXMB.028B Cable Managed Wall Bracket **EXMB.028B**
Cable-managed arm bracket, black

EXMB.015B Pole Mount Adapter Bracket **EXMB.015B**
Pole Mount Adapter, black

EXMB.061 Pole Top Bracket **EXMB.061**
Stainless Pole Top Bracket

EXMB.029B Ceiling Mount Bracket **EXMB.029B**
Ceiling Mount Bracket, Black

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