



CCTV

Solaris speed
dome cameras –
reliable and accurate



Answers for infrastructure.

SIEMENS



Security that can be used anywhere

The Solaris™ range of speed dome cameras boasts high precision, speed, reliability and, not least of all, perfect image sharpness. With the optimum quality of images representing a high degree of security, Solaris is suitable both for internal and external use in areas such as town and city centres, airports, retail, commercial buildings and even motorways. The new Solaris CCDS1415-DNX high-speed dome features a day-night camera with a 26x optical zoom and high sensitivity to extremely low light conditions, which enable it to monitor wide-area scenes and detect the smallest detail.

Large variety of accessories for flexible installation – corner, wall, pendant, swan neck or flush mounting to fit every environment.



Speed dome cameras with an optical zoom of up to 26x

■ Straightforward installation

It is very easy to install and maintain the Solaris dome range, due to the split construction of the camera head unit (HU) and the external termination unit (XTU). The Solaris dome is factory-sealed, i.e. it never has to be opened. The power supply and all terminals for video, telemetry data, alarm and supply cables for the dome camera are reliably protected in the weatherproof and tamperproof housing of the XTU. An external RJ45 connection with an included pre-fitted 10 m CAT5 cable simply links the dome head unit with the XTU – with just one cable for power, video and telemetry. Once the dome has been installed, all programming is done directly at the XTU, which can be installed up to 30 m away from the dome head unit, for example at the base of a pole or in a control room. This eliminates the need for ladders, expensive scaffolding or platforms for setup and programming. Using the optional local power supply (RTU) the distance can be extended to up to 300 m. Installing the XTUs in a control room also saves time while configuring or performing routine servicing, instead of having to visit each camera separately.

■ User-friendly configuration via LCD display on the XTU

Menu-guided addressing, protocol selection and settings for inspection and testing are performed via an LCD display on the XTU. Also, setting of presets or diagnostics and even checking the video image and signal quality can be performed on this LCD, so a portable monitor is not required.

■ Solaris sees more than others

Available with either a 26x or an 18x optical zoom lens, with both options delivering excellent low light performance. An auto-flip function has also been added, enabling the camera to track moving targets as they pass beneath the dome.

■ Backup/Restore functionality

Should the need arise to replace the camera head due to deliberate or accidental damage, this can be easily done, without the need to manually reprogramme all settings – configuration settings from the camera head can be backed-up and stored within the XTU. This reduces down-time on site if a camera head is damaged.

■ Optimized image quality 24 hours a day

The new Solaris CCDS1415-DNX high-speed dome features a day-night camera with a 26x optical zoom and high sensitivity to extremely low light conditions. The infrared cut filter enables the camera to provide crisp colour images during the day and infrared sensitive monochrome images in the dark. The integrated 26x zoom facilitates both the monitoring of wide-area scenes as well as the detection of the smallest detail.

■ Privacy zones masking

24 privacy zones are programmable with up to 8 displayed on screen at all times.

■ Pattern recording

Solaris also offers enhanced pattern recording with up to four programmable patterns supported. Each pattern tracks and records the camera's manual movement, including zoom and focus, for a period of time determined by the operator. This can then be replayed either continuously or can be manually recalled. The possibility to define zone names makes it easier to know which camera/zone is being displayed.

	CCDS1415-ST	CCDS1415-DN	CCDS1415-DNX
CCD size	1/4"	1/4"	1/4"
TV lines	480	480	480
Resolution	High resolution	High resolution	High resolution
Type	Colour	Day-Night	Day-Night
Zoom optical/digital	18x/12x	18x/12x	26x/12x
Total zoom	216x	216x	312x
Minimum illumination	0.05 Lux (F1.4)	0.05 Lux (colour); 0.01 Lux (mono)	0.05 Lux (colour); 0.01 Lux (mono)
Lens focal length	4.1 ~ 73.8 mm	4.1 ~ 73.8 mm	2.5 ~ 91 mm
S/N ratio	> 50 dB	> 50 dB	> 50 dB
Mechanical IR cut filter		■	■
Pan-tilt speed	0.2 ~ 360°/s	0.2 ~ 360°/s	0.2 ~ 360°/s
Presets	Max. 99 (depending on protocol)	Max. 99 (depending on protocol)	Max. 99 (depending on protocol)
Tours	32 positions	32 positions	32 positions
Privacy zones	24	24	24
Alarm inputs XTU	7 + 1x tamper	7 + 1x tamper	7 + 1x tamper
Alarm output XTU	1	1	1
Power	110 ~ 230 V AC via XTU	110 ~ 230 V AC via XTU	110 ~ 230 V AC via XTU

Welcome to the world of innovative thinking

■ Innovation

For the last 160 years, Siemens has been investing a great deal in both manpower and research and development. This has ensured a constant stream of new insights, technologies and inventions that enable us to continuously improve the reliability of our products and systems to make them easier to install and operate.

Advances in digital technologies are creating a whole new world of possibilities. Siemens has been at the leading edge of progress in this field and continues to redefine both current and future technologies.

■ Interoperability

Interoperable systems are now supplied alongside such basic requirements as lighting, heating and water in a building. As a company, we know that integration supports the business environment through the interaction of products and systems. We break down the barriers between our access control, intrusion detection and video surveillance product lines in our security portfolio and listen to what the market actually wants. We then develop to deliver both fully integrated and interoperable security systems, based on our 30 years of know-how in security.



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The information in this document contains general descriptions of technical options available, which do not always have to be present in individual cases. The required features should therefore be specified in each individual case at the time of closing the contract.

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