

1/3" CCD Col/B&W Fixed Dome  
Camera, WDR




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**FEATURES**

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- Vandal Resistant Dome
- A1 Digital Signal Processor with Motion Adaptive Digital Noise Reduction (DNR), Extended Dynamic Range (XDR), On Screen Menue (OSD), Digital Image Stabilisation (DIS), Picture in Picture (PiP), H/V Reverse, Digital Zoom, Profile and Privacy Zones
- CCVC (Camera Control Via Coaxial Cable, Controller: SCX-RD100)
- 600 TV Lines Horizontal Resolution
- Intelligent Video Content Analysis (Motion Tracking, Trip Wire, Area, Object fixed/ removed)
- WDR function, virtual progressive scan (VPS), Day/Night function with moving filtre
- Varifocal Lens: f = 2.5 - 6 mm, auto iris
- 3 Way Axis Gimbal, wall mountable
- Power Input AC24V/DC12V

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**SUMMARY**

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Samsung Electronics is set to unveil its new generation A1 series of CCTV cameras which will bring to the market a new level of camera performance in terms of both image quality and user benefits. The A1 camera series are equipped with the all new Samsung Electronics A1 DSP (Digital Signal Processor) engine, which has been developed in house by Samsung Electronics to deliver increased image resolution, reduced picture noise and provide enhanced contrast.

Diverse technologies are utilised in the A1 chipset, enabling the latest generation of Samsung Electronics' CCTV cameras to deliver performance technology including 'motion adaptive DNR'. This technology is the result of the utilisation of both 2D and 3D filters which reduce noise in the brightness of the image and noise caused by movement, providing a distinct and clear image under even the most demanding of lighting conditions.

The A1 engine also features XDR (eXtended Dynamic Range), which enhances the level of visible detail displayed in darker scene areas, whilst maintaining clear image reproduction in the brighter scene areas. This technology is particularly useful in high contrast scenarios and in areas of strong backlight, Samsung Electronics says.

The built-in video content analysis features include 'object left', 'object removed' and tracking function to monitor an object passing through a scene, generating an alarm in the

Design and specifications are subject to change without notice

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**SPECIFICATIONS**

Image Sensor	1/3" CCD (Sony PS Super HAD with WDR)
Col/B&W	On/Off/Auto/Ext, removable IR-cut filtre
Scanning System	PAL, 50Hz, 2:1 Inter Line Transfer
Image Size	Pixel Total: 795 x 596, Pixel Effective: 752 x 582
Resolution	600 (H) lines
Sensitivity Colour	0.4 Lux(50IRE) @ F1.2, 0.0002Lux (15IRE,Sens up x512)
Sentitivity B&W	0.12 lux @ 50IRE f1.6, 0.00023 lux @ 15 IRE sens up 160x
S/N Ratio	52 dB
Lens Drive Type	DC auto iris
Lens Focal Length	2.5 ~ 6 mm
Viewing Angle Tele	46°(H) ~ 34°(V)
Viewing Angle Wide	108°(H) ~ 80°(V)
Digital Zoom	Off/1 ~ 16x
Sens Up	Off ~ x512, auto
Motion Detection	On/Off
Number of Privacy Zones	12 (polygonal method)
Wide Dynamic Range	On/Off
High Speed Shutter	1/50 ~ 1/10.000 sec, auto
BLC	On/Off/Area/Level
AGC	Off, Low, High
Line Lock	On, Off, Phase adjustment
White Balance	ATW-1/ATW-2/AWC/Manual
Camera ID	54 character, 2 lines
Digital Noise Reduction (DNR)	On/Off
eXtended Dynamic Range (XDR)	Off/Low/Mid/High
Digital Image Stabilization (DIS)	Off/On
Virtual Progressive Scan (VPS)	On/Off (avaiable if WDR is off)
Additional Features	Digital Zoom, PIP, H/V Reverse, Positive/Negative inversion
Intelligent Video Analytics	Motion /Moved-Fixed Objects /Fence /Enter-Exit Area
OSD	Yes with profile (Standard, ITS, Back Light, Day/Night, Gaming, Custom)
Aperture Ratio	F 1.2 ~ 360
Video Outputs	1 CVBS, 1 Vpp, BNC & 1 test monitor out
Remote Control	CCVC, data on coax cable with SCX-RD100
Protection Rating	IP66
Operating Temperature	-10°C ~ +50°C
Humiditv	less than 90%

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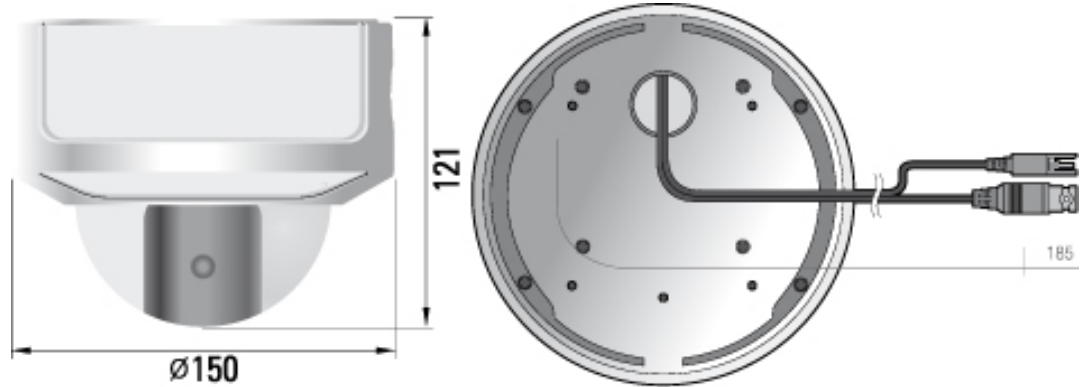
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**DIMENSIONS**



**ACCESSORIES**



**SCX-RD100**  
Remote controller over coaxial cable  
and RS485



**SADT-102WM**  
Wall Mount Adaptor



**SADT-100PM**  
Pole Mount Adaptor



**SADT-110CM**  
Corner Mount Adaptor



**SCX-300HM**  
Hanging mount adaptateur



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**ACCESSORIES**

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**SCX-300CM**  
Ceiling Mount Adaptor

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