

Smart Dome Colour/B&W Camera, 25x
Zoom, WDR



FEATURES

- 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
- 25x motorized optical zoom with 16x digital zoom
- High Speed Pan/Tilt (600°/sec), minimum speed (0.01°/sec)
- 1/4" Exview CCD
- 600 TV Lines Horizontal Resolution
- Motion detection function with alarming output
- On- screen- menus (Multi-Language)
- Inner Rotor BLDC Motor
- 8 alarm inputs, 3 alarm outputs
- Delivery with external housing IP66 already plugged
- Operating Temperature (-50°C~+50°C)

SUMMARY

Samsung Electronics is set to unveil its new generation A1 series of CCTV cameras at IFSEC - which it says 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.



Smart Dome Colour/B&W Camera, 25x
Zoom, WDR



SPECIFICATIONS

Image Sensor	1/4" CCD (Sony ExView HAD Progressive Scan)
Sensitivity Colour	1,2 lux @ 50IRE, 0,0007 lux @ 15IRE sens up 512x
Sensitivity B&W	0.12 lux @ 50IRE, 0.00007 lux @ 15 IRE sens up 512x
Resolution	600 (H) lines
Pan Speed	Manual: 0.01°/s ~ 180°/s, Preset: 600°/s (max.)
Tilt Speed	Manual: 0.01°/s ~ 180°/s, Preset: 600°/s (max.)
Range Panning	360° endless
Range Tilting	-6° ~ 186°
Number of Auto PAN	4 ea
Number of Preset	512
Number of Pattern	3
Number of Privacy Zones	12 ea
Col/B&W	On/Off/Auto
Wide Dynamic Range	On/Off, extreme backlight compensation (WDR x160)
Motion Detection	On/Off/Sensitivity/Area setting
Digital Zoom	Off/1 ~ 16x
High Speed Shutter	Off ~ 1/10,000 sec
Sens Up	Off ~ x512, auto
BLC	On/Off
AGC	Off/On (Very LOW/LOW/Mid/High/Very High/User/Fix)
Digital Noise Reduction (DNR)	Off / On (Low/Middle/High/User(3D/2D))
eXtended Dynamic Range (XDR)	Off/Low/Mid/High
Line Lock	On/ Off
Camera ID	54 character, 2 lines
Virtual Progressive Scan (VPS)	On/Off (available if WDR is off)
White Balance	ATW-1/ATW-2/AWC(Manual)/3200/5600
Video Outputs	1 CVBS, 1Vpp, BNC
S/N Ratio	52 dB
Focal Length	3.21 ~ 80.25 mm
Zoom Ratio	x 25
Aperture Ratio	F 1.6(Wide) ~ F3.7 (Tele)
Viewing Angle Tele	1.47°(H) ~ 1.10°(V)
Viewing Angle Wide	61.22°(H) ~ 47.16°(V)
OSD	Yes, multi language



Design and specifications are subject to change without notice

Status 04/2010

Videüberwachung-Sicherheitstechnik - Inh. Inge Berthold

Alzeierstraße 89
D - 67592 Flörsheim-Dalsheim

Tel.: 06243/680917
Fax: 06243/680918

info@alarmvideo.de
www.alarmvideo.de

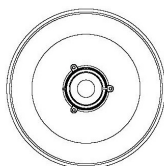
Smart Dome Colour/B&W Camera, 25x
Zoom, WDR



SPECIFICATIONS

Alarm	Input: 8 / Output: 3
Remote Control	RS485, RS422, CCVC
Operating Temperature	-50°C ~ +50°C
Humidity	less than 90%
Protection Rating	IP66
Supply Voltage	24 VAC (50Hz) ± 10%
Power Consumption	47 W
Weight	3.0 kg
Dimensions w*h*d	Ø 228 x 256 mm

DIMENSIONS



ACCESSORIES



SCX300CM
Ceiling Mount Adaptor



SCX300LM
Parapet mount adaptateur



Smart Dome Colour/B&W Camera, 25x
Zoom, WDR



ACCESSORIES



SCX-300WM
Wall bracket



SCX-300KM
Corner Mount Adaptor



SCX-300PM
Pole Mount Adaptor



SCX-RD100
Remote controller over coaxial cable
and RS485

