

SUNIT

Bridge for Demanding Duties

SUNIT SECURE

SUPERSENSE WATERPROOF CAMERA



HIGH-SPEED SUPERSENSE ALL-WEATHER 30X-CAMERA FOR SECURITY, TRAFFIC SURVEILLANCE AND REMOTE MONITORING

SUNIT-Secure Supersense Camera connecting high imaging quality with proven SUNIT Computer technology for Demanding Duties.

Full HD picture quality, Using the latest Sony FCB-EV7520A technology, SUNIT-Secure delivers images even in the toughest lighting conditions.

Presumption for High-quality Video in Surveillance world is camera which captures a High-Speed moving image with optical zoom and back-illuminating technology.

Stable stand, built-in image stabilizer, De-fog feature, Auto IR-cut Filter with industrial conformal-coated electronics and solid design permits 24/7 use in all conditions.

All mechanical vibration is eliminated with built-in image stabilizer, Stable Zoom and Advanced noise reduction technology producing absolute clear imaging.

SUNIT-Camera control Application for Pre-settings enables quick one-touch controlled swap between environmental influences, as daylight conditions and high sensitivity mode on Night-time. Application offers interfaces for Third-party Applications for Client-customized Utilisations.

Strict designed Cable harness makes clean and secure installations



SUNIT in Brief—Focus on Client Entrepreneur

Over 20 year's core-focus on tough computers and deep knowledge of client-demands has brought us prime expertise in technology.

We demand ourselves deep knowledge of the Clients entrepreneur and we strive to bring the long-term technology into his ICT.

Our technology connects OAC - Open Architecture Computing to IoT - Internet of Things with Powerful Processing.

Our Products are covered by Industry Standard ISO-16750, UNECE-Regulations and Environmental Standards.

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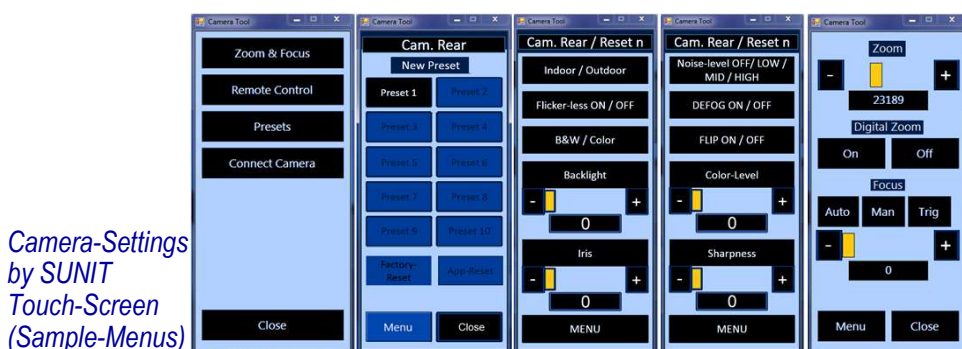


Technical Sheet

Parameter	Specification
Image Device	Full-HD 1/2.8-type CMOS
Effective Pixels	Approx. 2.13 Megapixels
Lens	36x Optical zoom. f =4.3 mm (wide) to 129 mm (tele), F1.6 to F4.7. D = 41.7mm.
Digital Zoom	12x (360x with optical zoom)
Zoom Speed	Optical WIDE/Optical TELE: 2.5 sec (Focus Tracking OFF), 5.0 sec (Focus Tracking ON) Optical WIDE/Digital TELE: 7.0 sec (29.97Hz/59.94Hz mode), 7.4 sec (25p/50p mode) Digital WIDE/Digital TELE: 2.1 sec (29.97Hz/59.94Hz mode), 2.5 sec (25p/50p mode) Infinity to near: 1.1s
Focus System	Auto (Sensitivity: normal, low), One-push AF, Manual, Infinity, Interval AF, Zoom Trigger AF, Near Limit, Focus Compensation with IR lighting
Minimum Object distance	10 mm (wide end) to 1200 mm (tele end)
Noise reduction	Advanced, 6 steps (2DNR 3DNR separate mode)
Electronic Shutter	1/1 s to 1/10,000 s, 22 steps
AE (After-Effect) Control	Full Auto, Shutter Priority, Iris Priority, Manual, Exposure Compensation, Slow AE, Back Light Compensation, Slow Shutter - Auto/Manual, Min shutter limit
White Balance	Auto, ATW, Indoor, Outdoor, Outdoor Auto, Sodium Vapor Lamp Fix/Auto/Outdoor Auto), One-push, Manual
Gain	Auto/Manual/Max gain limit/High Sensitivity (0 to 50.0 dB, 28 steps)
Wide Dynamic Range	O (DOL method, (90dB 1080p60, 130dB 1080p30)
Backlight Compensation	Yes
Character Generator	20 characters/line, max. 11 lines
Motion Detection	Yes with 4 zones. (Alarm ON / OFF)
Picture Effect	Defog (Auto, 3 levels), Visibility enhancer, Black & White, E-Flip, Mirror, Black level, gamma, Sat/Hue Adjust, HLC, contrast
Exposure Control	From -10.5 to +10.5 dB (1.5 dB steps)
Minimum Illumination	Minimum 0.0008lx to 1lx (due to Shutter, ICR & H-Sens. -settings). Typical 100lx to 100.000lx.
Video Output	HD: Digital (Y/Cb/Cr 4:2:2) Dual/single LVDS
Control Serial Interface	VISCA protocol (TTL/CMOS), 9.6 Kbps, 19.2 Kbps, 38.4 Kbps, 115.2 Kbps Stop bit 1/2 bit
User Memory	16 bytes
Dimensions	50.0 x 60.0 x 89.7 mm (W x H x D)
Weight	Approx. 260 g

Camera Features

Auto ICR, Wide Dynamic Range(Wide-D) (Auto mode), Visibility Enhancer, Defog, Noise Reduction, Image Stabilization, Stable Zoom, Spot Light Avoidance, Digital Output, Motion Detection, Spherical Privacy Zone Masking, Alarm, Slow AE Response, Picture Effects Black & White (Monochrome Image), Picture Freeze, Electronic-Flip (E-FLIP), Mirror image, Slow Shutter, Flicker-less, Temperature Readout, Title Display, (20 characters / line, max. 11 lines), Camera Mode Display



Camera-Settings by SUNIT Touch-Screen (Sample-Menus)



SUNIT Handheld Keypad for Quick-Control of Camera

