

A1

ATM Surveillance Camera



SPH-WDR / SPH-WDR-P

WatchNET

Integrated Digital Technologies

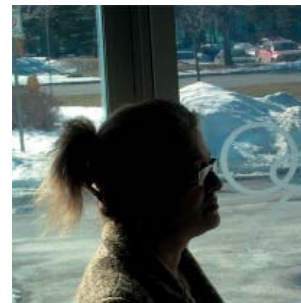


This mini WDR camera is specially developed for Banking & Financial institutions that require ATM & BANK deposits to be monitored preventing misuse and fraud.

Based on A1 chip set technology SPH-600 virtual progressive scan delivers crisp and clear image even when the back light is intense.

- ♦ Hi Resolution of 600TV lines
- ♦ Min. illumination 0.45Lux@F2.0 (color)
- ♦ Built-in 3.7mm fixed lens
- ♦ Intelligent video WDR, VPS
- ♦ Coaxial control (CCVC)

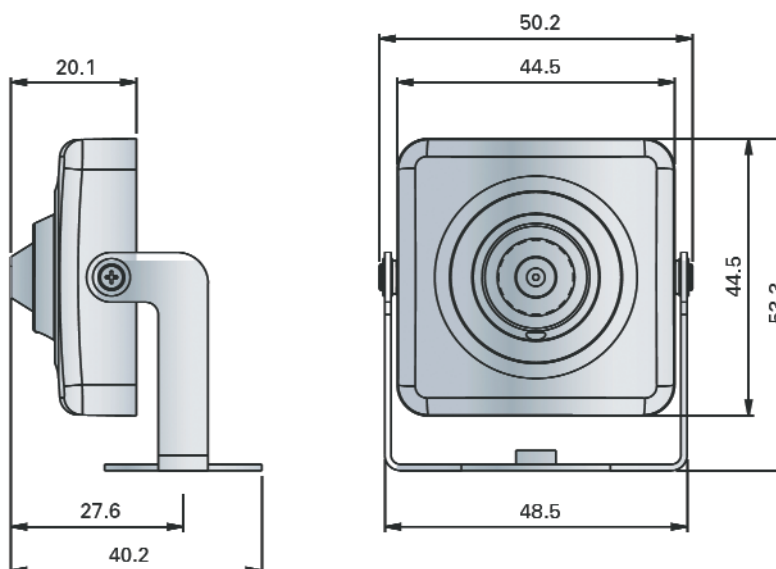
Hi Resolution ATM Camera with WDR



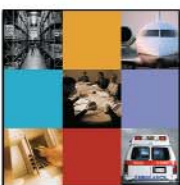
1. Normal



2. WDR On



Available ATM DVR
E-12004RTD-ATM
Made specially for ATM with text display overlay
and card number search functions



SPECIFICATIONS	SPH-WDR(NTSC)	SPH-WDR-P(PAL)
Sensor	1/3" Sony Super HAD CCD	
Total Pixels	NTSC=811(H)x508(V)	PAL=795(H)x595(V)
Effective Pixels	NTSC=768(H)x494(V)	PAL=752(H)x582(V)
Scanning System	2:1 Interlace	
Synchronization	Internal / Line Lock (L-Pulse input)	
S / N Ratio	52dB (AGC off, Weight on)	
Dynamic Range	52dB (*128)	
Backlight Compensation	Off / On	
Resolution	600 TV Lines (Color)	
Focal Length (Zoom Ratio)	3.7mm	
Max. Aperture Ratio	F2.0	
Angular Field of View	D : 80.81° / H : 64.65° / V : 48.49°	
Min. Object Distance	0.4mm	
On Screen Display	Multi-language support by coaxial cable	
S/N (Y signal)	52dB (AGC Off, Weight On)	
Min. Illumination	Color : 0.45Lux (50IRE@F2.0, Sens-up 2x)	
White Balance	ATW1 / ATW2 / AWC (Manual) / 3200K / 5600K	
Electronic Shutter Speed	1/60 ~ 1/200,000	1/50 ~ 1/200,000
Video Output	CVBS : 1.0 Vp-p / 75 Ohm composite	
Gain Control	Off / On	
DNR	Adaptive 3D+2D (Off / Low / Mid / High / User)	
WDR	128x	160x
Frequency	H : 15.734KHz / V : 59.94Hz	H : 15.625KHz / V : 50Hz
Privacy Masking	Off / On (12 programmable zones, polygonal type)	
Digital Zoom	Off / On (1x ~ 16x)	
Camera Title	Off / On (Displayed 54 characters)	
Sens-up (Frame Integration)	2x ~ 512x	
Day & Night	Day / Night / Auto	
Reverse	Off / H / V / H/V	
Profile	Standard / ITS / Backlight / Day & Night / Gaming / Custom	
Intelligent Video	Fixed / Moved, Fence (Line, Area)	
Power Consumption	Max. 2.0W	
PIP	Off / On	
Communication	Coaxial control (SPC-300 Compatible)	
Protocol	Coax : CCVC	
Color / Material	Black / Aluminum	
Input Voltage/Current	12V DC	
Operating Temp./Humid.	-10°C ~ +50°C (+14°F ~ +122°F) / Less than 90% RH	
Dimension (WxHxD)	53.3 x 40.2 x 50.2 (2.1" x 1.58" x 1.98")	
Weight	105g (0.23 lb)	

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All product specifications on this brochure are subject to change without notice.

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