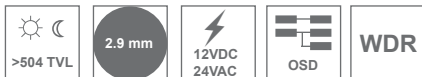


Attacks against ATM machines, including card skimming, card trapping, robbery, vandalism, are a growing problem. In order to help the financial sector prevent ATM crime and reduce lost revenue, we have specifically designed the WDRE29ATM and WDRE29-12ATM for use within ATM machine applications. Our ATM cameras are a powerful tool to pro-actively help manage fraud and theft issues. The images captured can be used to identify suspects and prosecute criminals.



WDRE29ATM
WDRE29-12ATM



Features

- Integrates the Orca chipset from Pixim®
- Extremely Wide Dynamic Range (120 dB) to capture highlight and shadow details, including faces in strong backlight
- High resolution superior to 504 TVL to make it easy to distinguish target image features and details, even in highly variable lighting conditions
- Day/Night mode for a round-the-clock surveillance
- Superior colour rendering enabling to accurately display colour even in difficult lighting such as indoor/outdoor, glare, and fluorescent lighting
- Digital zoom x2
- WDRE29ATM: Dual Voltage 12VDC/24VAC
- WDRE29-12ATM: 12VDC only
- Fixed 2.9mm lens

General Specifications

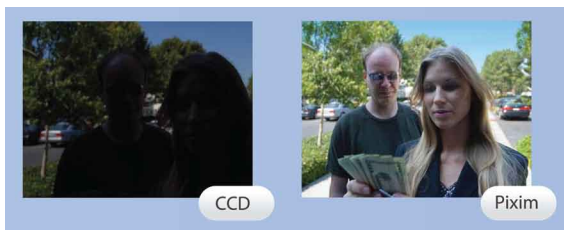
Image Picture Element	Pixim® Orca Chipset
Effective Picture Element	720(H) x 540(V) approx. 390K pixels
Scanning Frequency	PAL 2:1 Interlace/ H: 15625Hz, V:50Hz
Operation temperature	-10°C to 50°C
Storage Temperature	-20°C to -60° C
Output	BNC 75Ohm unbalanced
Input Terminal	2.1mm connector
Power Operating Range	WDRE29ATM: 12VDC or 24VAC /- 10% WDRE29-12ATM: 12VDC -10% +20%
Power Consumption	4.2 watts (max)
Mounting Option	Swivel Mount 1/4 20 Threads
Dimensions	Ø14.5x18.5 mm

Functional Specifications

Wide Dynamic Range	120 db / 17bit
White Balance	ATW, MWB, 1-touch
Auto White Balance Range	2200K ~7500K 2000K ~ 11000K
Day/Night	Color Killer Auto Detect by Luminance
Sync System	Int / Line Lock
AGC Boost	Yes
AES	1/50 or 160 ~ 1/100000
Wide Dynamic Range Area	1 Zone Fully adjustable

Video Specifications

Resolution	>504 TVL Equivalent
Minimum Illumination	0.95 Lux @ F1.2 (AGC Boost)
AGC Preset Gain	Yes
Gamma Compensation	Yes
Lens	2.9mm F2.0
Angle of View	Diagonal: 122.1° Horizontal: 96.6° Vertical: 71.9°



The ATM cameras integrate the Orca Chipset from Pixim®. With the ultra-wide dynamic range, high resolution, excellent colour rendering, suppression of blooming and smearing, it enables the capture of details from both the darkest and lightest ranges of a scene simultaneously. This means that the camera can see facial details of people entirely in the shadow of the ATM machine, or backlit by strong glare, or standing a bit further back in bright sunlight.



Control board to set up the camera