

**8" LCD Portable Audio Colour Monitor 4:3 Screen for PC
CCTV Security Camera, plastic case, 12VDC**



DVR processed video input



Vandal-resistant corner mount camera



Features

- ✓ 1/3inch Sony Super HAD CCD
- ✓ 550/590 TVL resolution
- ✓ 850nm IR LEDs for low-light surveillance 5-10m range
- ✓ Digital Noise Reduction (DNR)
- ✓ One-way audio function
- ✓ Simple plug and play operation
- ✓ Vandal-resistant brushed aluminium case
- ✓ Tamper-proof screws
- ✓ 12v DC operation

Brand	Pecan
Model Code	VRC190LO
Chip Inch Size "	1/3
Colour Type	Colour / Monochrome
Resolution TVL	600
Sensitivity lux	0.0
Back Light Compensation	Yes
Auto Gain Control	Yes
White Balance	Yes
Gamma Correction	0.45 approx.
S/ N (Signal/ Noise) Ratio dB	> 50
Signal Mode	PAL, NTSC
Electrical Specifications	Voltage: 12 V DC Power Consumption: 110 mA
Zoom	Yes
Video Output	composite video
Physical Specifications	Dimension mm: 190 x 140 x 42 Weight g: 330
Environmental Specifications	Protection: vandal-resistant aluminium casing
Model Info	Vandal- resistant corner mount colour/mono camera with IRLEDs and OSD

Air@-EL100

Smaller, lighter and safer LED optical video transmission system for elevator CCTV

Size and Weight

- Height : 140mm (5.5inches)
- Depth : 100mm (3.9inches)
- Width : 100mm (3.9inches)
- Weight : Transmitter 250g (0.55lb)
Receiver 257g (0.57lb)



What's in the Box?



Transmitter



Receiver



Power Adapters



Bracket for Receiver

Electrical and Optical Data

Data Format	I/O signal	NTSC or PAL composite
Communication Method	Video Format	CVBS Max 1Vp-p, 75ohm
		1:1 One-way LED Optical
Transmitter	Bit Error Rate	$< 10^{-9}$
	LED Wavelength	630 nm
	Output Power	5000mcd
	Diameter	50mm
	Spread of Sender Beam	Approx. $\sim 1.5m$ at 100m
Receiver	Detector	Silicon Pin PD
	Diameter	50mm
	Gain	$> -33dBm$
Connection	Signal	RCA Connector (RCA-BNC Adapter enclosed)
Power Supply	Input	AC100~240V(50~60Hz)
	Output	DC12V, 1A
Operating Temperature		-4 ~ 158 \pm EF (-20 ~ 70 \pm EC)

** Shape or specifications are subject to change without any notice to improve the quality of product.

Air@-EL150

Cost-effectiv, high-quality and long-lasting Laser optical video transmission system for elevator CCTV

Size and Weight

- Height : 140mm (5.5inches)
- Depth : 100mm (3.9inches)
- Width : 100mm (3.9inches)
- Weight : Transmitter 250g (0.55lb)
Receiver 257g (0.57lb)



What's in the Box?



Transmitter



Receiver



Power Adapters



Bracket for Receiver

Electrical and Optical Data

Data Format	I/O signal	NTSC or PAL composite
Communication Method	Video Format	CVBS Max 1Vp-p, 75ohm
		1:1 One-way Laser Optical
		$< 10^{-9}$
Transmitter	Bit Error Rate	
	Light Source	inGaAlP Laser Diode
	Laser Wavelength	658 nm
	Output Power	30mW
	Diameter	50mm
	Beam Divergence	18mrad(approx. $\approx 5.4m$ at 300m)
Receiver	Detector	Silicon Pin PD
	Diameter	50mm
	Gain	$> -33dBm$
Connection	Signal	RCA Connector (RCA-BNC Adapter enclosed)
Power Supply	Input	AC100~240V(50~60Hz)
	Output	DC12V, 1A
Operating Temperature		-4 ~ 158jÆF (-20 ~ 70jÆC)

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Air@-EL300

More stable LASER optical video transmission system for high-rise elevator CCTV

Size and Weight

- Height : 140mm (5.5inches)
- Depth : 100mm (3.9inches)
- Width : 100mm (3.9inches)
- Weight : Transmitter 250g (0.55lb)
Receiver 257g (0.57lb)



What's in the Box?



Transmitter



Receiver



Power Adapters



Bracket for Receiver

Electrical and Optical Data

Data Format	I/O signal	NTSC or PAL composite
Communication Method	Video Format	CVBS Max 2Vp-p, 75ohm
		1:1 One-way
		Laser Optical
		$< 10^{-9}$
Transmitter	Bit Error Rate	
	Light Source	inGaAlP Laser Diode
	Laser Wavelength	658 nm
	Output Power	30mW
	Diameter	50mm
	Beam Divergence	18mrad(approx. $\approx 5.4m$ at 300m)
Receiver	Detector	Si APD
	Diameter	50mm
	Gain	$> -45dBm$
Connection	Signal	RCA Connector (RCA-BNC Adapter enclosed)
Power Supply	Input	AC100~240V(50~60Hz)
	Output	DC12V, 1A
Operating Temperature		-4 ~ 158 $^{\circ}$ F (-20 ~ 70 $^{\circ}$ C)

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What is Air@-EL?



The Air@-EL Series is a LED (LASER) optical video transmission system which is specially designed for elevator CCTV surveillance to solve the cabling and installation problems in the elevator shaft.

Rising of huge installation and cabling problems in the elevator shaft, CCTV security system uses existing cables, it will affect the safety operation of elevator. In addition, unnecessary and additional maintenance and inspection costs occur.

The Air@-EL Series provides an attractive wireless video transmission solution at easy installation and low cost, replacing the coaxial cables and the others in the elevator shaft. Because it transmits DVD quality video using an optical LED (LASER), cabling complexity, installation costs and maintenance issues are greatly reduced.

With a much longer lifespan than traditional 'moving coaxial cable' video the transmission systems, the elevator operation, security and safety are increased.

Comparison Table between Air@-EL100, Air@-EL150 and Air@-EL300

	Air@-EL100	Air@-EL150	Air@-EL300
Operating Distance	100m/328ft (up to 25 floors)	150m/495ft (up to 38 floors)	300m/990ft (up to 75 floors)
Transmitting Technology	LED Optical Technology	Laser Optical Technology	Laser Optical Technology
Cost	Low	Low	Middle
Image Quality	D1	D1	D1
Warranty	3 years	3 years	3 years