DEDICATED MICROS

Datasheet

ice²

1.3 MP HD Analogue Integrated Bullet Camera

Part of Dedicated Micros line of high performance HD analogue video surveillance cameras, the Ice2 1.3MP integrated bullet camera features the Sony IMX225, D-WDR enabled sensor, 2.8 to 12mm zoom lens with 30m Infra-Red and integrated cable management. It will produce either standard definition, or HD 720p video.

The Ice2 cameras are as simple to install as standard analogue cameras, with no networking or licensing requirements, capable of rapidly transmitting quality HD video up to 500m over standard coaxial cables with next to zero latency on the local system.

Ideal for legacy upgrades, the Ice2 cameras are capable of utilising existing analogue cabling to simplify the process of transferring from standard definition to high definition video recording at a fraction of the cost of a comparable mega-pixel IP solution.

Ice2 is designed to be coupled with the enhanced SD Advanced DVR/NVR which now has HD analogue support on models of 6TB and above.

Features & Benefits

- 1.3 Megapixel Sony IMX225 Sensor
- Integrated Cable Management
- D-WDR
- Utilise Existing Legacy Cabling
- 2.8mm to 12mm Zoom Lens
- Up The Coax On Screen Menu Control
- IP66 Rated
- MultiMode – Save Up To 50% On Recording
- Live Tracking Due To Speed Of Transmission

- TransCode – Optimised Remote Playback
- 720p HD Video Over Coax
- Up To 500m Coax Cable Length
- 30M IR Distance
- Next To Zero Latency On Local System
- Video Motion Detection (VMD)
- Alarm Handling (With SD Advanced DVR/NVR)
- Auto Gain Control

USA: Dedicated Micros Inc. www.dedicatedmicros.com
3855 Centerview Dr. – Suite 400 B, Chantilly, VA 20151 USA.

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Why HD Analogue?

Megapixel Resolution
HD Analogue delivers cost effective high definition images for applications requiring a greater level of detail, such as for identification purposes.

Low cost, simple installation
HD Analogue is as simple to install as standard analogue CCTV, with no networking or licensing requirements. Existing cabling can be utilised.

Low latency
Transmission of HD Analogue video is fast, which enables live tracking with next to zero latency on the local system.

Up-the-coax Control
The Ice2 cameras offer up the coax (UTC) control of the cameras menu, this allows for complete configuration of the camera from the DVR, without need to go back and physically access the unit. A variety of options can be changed from the DVR including:
  • Exposure
  • Digital WDR
  • White Balance
  • Day/Night Control

Longer Transmission
Transmit HD video up to 500m over standard coaxial cable without signal boosters, five times the distance of IP systems which are run on standard network cabling.

Legacy Upgrades
HD Analogue is ideal for upgrading legacy sites. High Definition 720p images can be achieved whilst maintaining the current cabling infrastructure, drastically reducing installation time and costs.
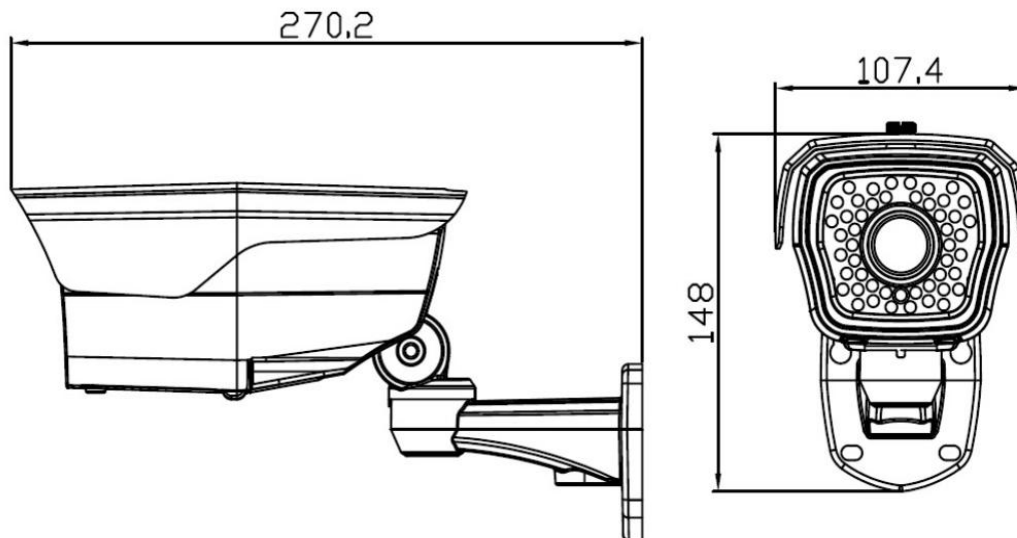
Cost Effective
HD Analogue technology is competitively priced vs. less-powerful traditional analogue, while being a fraction of the cost of a comparable megapixel solution.

Dedicated Micros Support
When buying a HD Analogue system from Dedicated Micros you gain access to high quality product support. From the service centre to technical support team, there is a single point of contact to ensure an outstanding user experience.

Technical Drawing

Ordering Information

Part Number	Description
ICE2-IB/720/3V12/I	HD 720p and standard analogue Integrated Bullet 30m IR

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Technical Specification

Camera Specification	
Image Device	1/3" Sony IMX225 1.3MP
Image Resolution	720p (1280x720) / 960H (960x480)
Minimum Illumination	Colour: 0.001 Lux / F2.0: B/W: 0 Lux / F2.0 (IR on)
Video Output Mode	High Definition Analogue 720p / CVBS 700TVL
TV System	PAL / NTSC
S/N ratio	≥ 48 dB
Gamma	0.45
Synchronisation System	Internal
Scanning System	2:1 Interlace
Lens	2.8mm to 12mm (zoom)
Camera Set Up	
Wide Dynamic Range	D-WDR Auto / off / on
Electronic Shutter	PAL:1/25 to 1/50,000sec; NTSC:1/30 to 1/50,000sec ; Auto / FLK / Manual Max X 30
AGC	0 to 15
Brightness	1 to 100
Back-light Mode	Off / BLC / HSBLC
White Balance	AWB / AWC→SET / Indoor Mode / Outdoor Mode / Manual Mode
Noise Reduction	2D / 3D-Low/Middle/High
Picture Adjustment	Mirror / Negative Film / Sharpness / Brightness / Freeze
Motion Detection	4 Zones / Alarm
Privacy	4 Zones
Day & Night	Auto / Colour / B&W / EXT
Defective Point Compensation	Live DPC / White DPC / Black DPC-ON/OFF
Language	ENG/CHN1/CHN2/GER/FRA/ITA/SPA/POL/RUS/POR/NED/TUR
General	
Operation Temperature	-10C to +50C RH95% Max
Storage Temperature	-40C to +60C RH95% Max
Level Of Protection	IP66
IR Distance	30 Metres (1 pc IR-III LED's)
Power Source	DC 12V 1A
Colour	White
Bracket	Yes
Net Weight	0.85kg
Warranty	1 year plus additional free 1 year when product registered

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