## Morthern\*



## 960H/700 Line — True Wide Dynamic Range Indoor Dome Camera, TDN, 3DNR, OSD, 2.8~12mm AI Lens



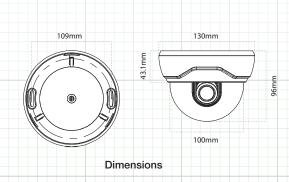
D212H960



D212H960 Shown with White Cover (included)



D212H960 Shown with Wall Mount (included)



PECIFICATION	D212H960
mage Sensor	960H 1/3" Effio-V Sony Super HAD II CCD
Effective Picture Elements	976 (H) x 494 (V)
Resolution	700 TV Lines Color / 800 TV Lines B/W
OSD (On-screen Display)	Yes
WDR (Wide Dynamic Range)	Contrast / Clear Face (Low / Mid / High) Adjustable
BDNR (Digital Noise Reduction)	3DNR (0-6) Adjustable
Video Output	1.0 Vp-p (Sync. Negative) Termination 75 OHM
Lens Type – True Day/Night	2.8~12mm Varifocal Auto Iris Lens
Sense-up	Auto / Off
Shutter Speed	1/60 ~ 1/100,000 sec.
R Cut Filter	Built-In Mechanical
Minimum Illumination	0.0005Lux Sense Up Color/0.0002 Sense Up B/W
5/N Ratio	52dB or More (AGC Off)
Gain Control	Automatic, Low, Middle, High, Off
Sync System	Internal, External (L/L)
Gamma	$\gamma = 0.45$ typ.
White Balance	ATW (1,800°K~10,500°K) / PUSH / USER1 / USER2 / ANTI CR / PUSH / LOCK / MANUAL
Back Light Compensation	OFF / WDR / HLC / BLC
Day / Night	(AUTO / COLOR / B/W / EXT) Delay Adjustable
Mirror	OFF / H / V / H-V
Digital Zoom	Yes (ON / OFF) Adjustable
Digital Image Stabalizer	Yes ((ON / OFF)
R Optimizer	Yes (ON / OFF)
Motion Detection	Yes (4 Zone)
Privacy Mask	Yes (15 Zone)
Power Input	12VDC/24VAC Dual Voltage Power
Power Requirement	Max. 250mA
Reverse Polarity Protection	Yes
Overall Camera Dimensions	5.2" (W) x 3.8" (H)
Weight	Approx. 1.1lb
Operating Temperature	14°F ~ 122°F
Weatherproof Rating	Indoor Only

## **FEATURES**

- ♦ Sony 960H Effio-V Chip
- ♦ 700 Line Resolution
- ♦ True Wide Dynamic Range
- ◆ True Day/Night Mechanical IR Cut Filter
- ♦ 3-Axis Wall or Ceiling Mountable
- White & Black Housing Covers Included
- ♦ Sense-up / Slow Shutter Speed
- ♦ 12VDC/24VAC Dual Voltage Power
- ♦ OSD Control of All Major Functions
- ♦ 3D Digital Noise Reduction
- ♦ Video Test Output & Cable
- ♦ Adjustable Shutter Speed
- ♦ 2.8~12mm Varifocal Auto Iris Lens
- ♦ Manual 360° Horizontal Rotation
- ♦ Lined Dome Cover

## **INCLUDED ACCESSORIES**

- 1. User Manual
- 1. Mounting Hardware Packet
- 1. Video Test Cable
- 1. Wall Mount
- 1. White Housing Cover