DATA SHEET

Code: GEMINI-AH2-45

AHD, PAL CAMERA **GEMINI-AH2-45** - 1080p 2.8 ... 12 mm

Megapixel camera with 1/2.8" Sony CMOS sensor and AHD (Analog High Definition) / PAL.
The AHD interface allows to transmission of analog video signal via coaxial cable in 1080p resolution. It enables the transmission of HD resolution images for even 500 m distance with keeping the low costs of the installation. During transmission there are no delays and is maintained the original, high quality image.
Additionally camera has a possibility to select output signal standard between AHD and PAL. The change of the AHD / PAL standard is done with joystick by holding it tilted to the right or to the left for approx. 3 seconds, without going into the OSD.
The 3-Axis integrated camera bracket has a regulation in all three planes, which allows to turn the camera to any direction.



Standard:	AHD / PAL
Sensor:	1/2.8 " Sony CMOS IMX222
Digital Image Processor:	Nextchip NVP2441H
Matrix size:	2.1 Mpx
Resolution:	1920 x 1080 - 1080p AHD-H , 960 x 576 - 960H PAL
Video output:	1 Vpp 75 Ω, AHD / PAL - selectable by switch + Additional "Spot" output - allows to quick view the image from camera and its configuration without the need to disconnect it from monitoring system
Lens:	2.8 ... 12 mm, 2 Mpx, DC
View angle:	• 85 ° ... 24 ° (manufacturer data) • 90 ° ... 31 ° (our tests result)
S/N ratio:	> 50 dB
IR illuminator power adjustment:	By potentiometer
Range of IR illumination:	50 m
OSD menu:	✔

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Main features:	• ICR - Movable InfraRed filter • Day/Night mode (color/b&w/auto) • WB - White Balance (ATW/AWB/manual/indoor/outdoor) • Sense-UP - (Slow Shutter) - Increase the sensor sensitivity max. x 30 • D-WDR - Wide Dynamic Range • 2D-DNR / 3D-DNR - Digital Noise Reduction • F-DNR (Defog) - Reduction of image noise caused by precipitation • Motion Detection - max. 4 zones • Privacy zones - max. 4 • BLC - configurable Back Light Compensation • HSBLC - High Light Compensation (spot) • Mirror - Mirror image • image "freeze" • Sharpness - sharper image outlines • Monitor type correction - LCD/CRT
Power supply:	12 V DC / 400 mA
Housing:	Compact, Metal
Color:	Graphite
"Index of Protection":	IP66
Operation temp:	-20 °C ... 55 °C
Weight:	0.780 kg
Dimensions:	255 x 123 x 92 mm
Supported languages:	English, Chinese Traditional, Chinese Simplified, French, Spanish, Dutch, German, Polish, Portuguese, Russian, Turkish, Italian
Manufacturer / Brand:	GEMINI
Guarantee:	2 years

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