DATA SHEET

Code: APTI-H83V3-2812W

AHD, HD-CVI, HD-TVI, CVBS VANDALPROOF CAMERA **APTI-H83V3-2812W** - 8.3 Mpx, 4K UHD 2.8 ... 12 mm

Megapixel camera with 1/2.8" Sony CMOS sensor and AHD / HD-CVI / HD-TVI / PAL.

The AHD / HD-CVI / HD-TVI interface allows to transmission of analog video signal via coaxial cable in max. 8 Mpx (4K UHD) resolution. During transmission there are no delays and is maintained the original, high quality image.

In the case of video transmission using a twisted pair cable and matching transformers (balun), be aware of the possibility of signal reflections and interfering signals.

Setting the camera in PAL mode allows to obtain an image in 960H resolution. The appropriate signal format selection is done by tilting and holding the joystick for 5 s without entering to the OSD menu. Changing the signal to the NTSC in the camera causes loss of image in connected AHD/HD-CVI/HD-TVI recorder.

The range of IR illumination according to the manufacturer data, depends on outer conditions (visibility - air transparency, environment, wall colors ie. scene reflectance). Camera is according to IP66 Index of Protection norm.



Standard:	AHD, HD-CVI, HD-TVI, CVBS
Sensor:	1/2.8 " SONY Starvis™ Back-illuminated CMOS
Matrix size:	8.3 Mpx
Resolution:	3840 x 2160 - 8.3 Mpx, 4K UHD @ AHD / HD-CVI / HD-TVI, 12.5 fps , 2592 x 1944 - 5 Mpx @ AHD / HD-TVI, 20 fps / 12.5 fps , 2592 x 1944 - 5 Mpx @ HD-CVI, 20 fps , 2560 x 1440 - 4 Mpx @ AHD / HD-TVI, 25 fps / 15 fps , 2560 x 1440 - 4 Mpx @ HD-CVI, 25 fps , 1920 x 1080 - 1080p @ AHD / HD-TVI / HD-CVI, 25 fps , 960 x 576 - 960H @ CVBS
Range of IR illumination:	30 m
IR illuminator power adjustment:	Automatic
Lens:	2.8 ... 12 mm
View angle:	• 87 ° ... 24 ° (manufacturer data) • 85 ° ... 33 ° (our tests result)
S/N ratio:	> 50 dB

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Video output:	1 Vpp 75 Ω, AHD / HD-CVI / HD-TVI / CVBS - selectable by switch
Main features:	• D-WDR - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • ICR - Movable InfraRed filter • AGC - Automatic Gain Control • Auto White Balance • Day/Night mode - configurable • Sharpness - sharper image outlines
OSD menu:	✔
Vandal-proof:	✔
"Index of Protection":	IP66
Power supply:	12 V DC / 450 mA
Power consumption:	≤ 5.4 W
Housing:	Dome - Metal
Color:	White
Operation temp:	-20 °C ... 50 °C
Weight:	0.59 kg
Dimensions:	Ø 120 x 83 mm
Supported languages:	English
Manufacturer / Brand:	APTI
Guarantee:	2 years

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