

Code: APTI-Y21C6-2812

## HD-CVI, PAL CAMERA **APTI-Y21C6-2812** - 1080p 2.8 ... 12 mm

Megapixel camera with 1/2.7" OmniVision CMOS 2.1MP sensor and HD-CVI (High Definition Composite Video Interface) / PAL.

The HD-CVI interface allows to transmission of analog, composite video signal via coaxial cable. Via single coaxial cable can be transmitted three signals: video, audio and control. 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.

Camera is according to IP66 Index of Protection norm.



|                                  |                                                                                                                                                                                                                                           |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standard:                        | HD-CVI, PAL                                                                                                                                                                                                                               |
| Digital Image Processor:         | FH8530C                                                                                                                                                                                                                                   |
| Sensor:                          | 1/2.7 " OmniVision OV2710 CMOS                                                                                                                                                                                                            |
| Matrix size:                     | 2.1 Mpx                                                                                                                                                                                                                                   |
| Resolution:                      | 1920 x 1080 - 1080p                                                                                                                                                                                                                       |
| IR illuminator support:          | ICR - Movable InfraRed filter                                                                                                                                                                                                             |
| Video output:                    | HD-CVI, 1 Vpp / 75 Ω                                                                                                                                                                                                                      |
| OSD menu:                        | —                                                                                                                                                                                                                                         |
| Lens:                            | 2.8 ... 12 mm, 2 Mpx                                                                                                                                                                                                                      |
| View angle:                      | <ul style="list-style-type: none"> <li>• 87 ° ... 25 ° (manufacturer data)</li> <li>• 95 ° ... 36 ° (our tests result)</li> </ul>                                                                                                         |
| S/N ratio:                       | > 50 dB                                                                                                                                                                                                                                   |
| Range of IR illumination:        | 60 m                                                                                                                                                                                                                                      |
| IR illuminator power adjustment: | Automatic                                                                                                                                                                                                                                 |
| Main features:                   | <ul style="list-style-type: none"> <li>• ICR - Movable InfraRed filter</li> <li>• DNR - Digital Noise Reduction</li> <li>• AES - Auto Electronic Shutter</li> <li>• AGC - Automatic Gain Control</li> <li>• Auto White Balance</li> </ul> |



## DATA SHEET

|                        |                    |
|------------------------|--------------------|
| Power supply:          | 12 V DC / 700 mA   |
| Housing:               | Compact, Metal     |
| Color:                 | Graphite           |
| "Index of Protection": | IP66               |
| Operation temp:        | -10 °C ... 50 °C   |
| Weight:                | 0.760 kg           |
| Dimensions:            | 113 x 103 x 305 mm |
| Manufacturer / Brand:  | APTl               |
| Guarantee:             | 2 years            |

