


|                                                |                                                                                     |
|------------------------------------------------|-------------------------------------------------------------------------------------|
|                                                | <b>cube</b>                                                                         |
|                                                | <b>FC1020-P</b>                                                                     |
| <b>image</b>                                   |  |
| <b>application environment</b>                 |                                                                                     |
| <b>indoor / outdoor</b>                        | indoor                                                                              |
| <b>weatherproof</b>                            | n/a                                                                                 |
| <b>vandal-proof</b>                            | n/a                                                                                 |
| <b>day / night control</b>                     | -                                                                                   |
| <b>camera image</b>                            |                                                                                     |
| <b>sensor</b>                                  | 1/4" CMOS                                                                           |
| <b>min. illumination</b>                       | color: 0.3 lux @ F1.8<br>0 lux @ F1.8 (IR LED on)                                   |
| <b>built-in LED</b>                            | yes                                                                                 |
| <b>IR distance</b>                             | 8m                                                                                  |
| <b>built-in mechanical ICR</b>                 | yes                                                                                 |
| <b>auto iris</b>                               | -                                                                                   |
| <b>lens</b>                                    |                                                                                     |
| <b>lens type</b>                               | fixed lens (manual focus)                                                           |
| <b>F/no</b>                                    | F2.0                                                                                |
| <b>focal length</b>                            | f=2.8mm                                                                             |
| <b>angle of view</b>                           | 76° (horizontal)<br>47° (vertical)                                                  |
| <b>bracket adjustment</b>                      | n/a                                                                                 |
| <b>video</b>                                   |                                                                                     |
| <b>compression</b>                             | H.264 / MJPEG simultaneously                                                        |
| <b>max. resolution (H.264 / MJPEG)</b>         | 1280 x 800                                                                          |
| <b>max. frame rate</b>                         | H.264 / MJPEG up to 30fps (1280 x 800)                                              |
| <b>streaming</b>                               | H.264 / MJPEG                                                                       |
| <b>multiple streams</b>                        | yes                                                                                 |
| <b>WDR (Wide Dynamic Range)</b>                | D-WDR                                                                               |
| <b>BLC (Backlight Compensation)</b>            | no                                                                                  |
| <b>DNR (Digital Noise Reduction)</b>           | 2D & 3D                                                                             |
| <b>IVA features</b>                            | yes                                                                                 |
| <b>IMD (Intelligent Motion Detection) zone</b> | 3                                                                                   |
| <b>privacy mask</b>                            | 3                                                                                   |
| <b>image orientation</b>                       | mirror, flip                                                                        |
| <b>audio</b>                                   |                                                                                     |
| <b>audio encoder</b>                           | G.711 audio compression                                                             |
| <b>audio streaming</b>                         | 2-way audio                                                                         |
| <b>microphone</b>                              | built-in                                                                            |
| <b>audio output</b>                            | yes                                                                                 |

|                                             |                                                                                                                                                                                                                                                                                     |
|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>network</b>                              |                                                                                                                                                                                                                                                                                     |
| <b>protocol</b>                             | HTTP, HTTPS, TCP/IP (IPv4, IPv6) SNMP, QoS/DSCP, Access list, RTSP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP (video only), Samba, Bonjour                                                                                                                                 |
| <b>Ethernet</b>                             | Ethernet (10/100 Base-T), RJ45 connector                                                                                                                                                                                                                                            |
| <b>wireless</b>                             | no                                                                                                                                                                                                                                                                                  |
| <b>security</b>                             | password protection, IP address filtering, HTTPS encrypted data transmission                                                                                                                                                                                                        |
| <b>users</b>                                | up to 10 users simultaneously                                                                                                                                                                                                                                                       |
| <b>alarm</b>                                |                                                                                                                                                                                                                                                                                     |
| <b>trigger event</b>                        | mail, FTP, save to memory card, relay, Samba                                                                                                                                                                                                                                        |
| <b>interface</b>                            |                                                                                                                                                                                                                                                                                     |
| <b>digital input / output</b>               | 1 / 1                                                                                                                                                                                                                                                                               |
| <b>built-in storage option</b>              | microSDHC (32GB max.)                                                                                                                                                                                                                                                               |
| <b>BNC output</b>                           | no                                                                                                                                                                                                                                                                                  |
| <b>RS-485</b>                               | no                                                                                                                                                                                                                                                                                  |
| <b>general</b>                              |                                                                                                                                                                                                                                                                                     |
| <b>power supply</b>                         | DC 12V / PoE                                                                                                                                                                                                                                                                        |
| <b>DC power consumption</b>                 | 3.2W (IR LED on)<br>2.16W (IR LED off)                                                                                                                                                                                                                                              |
| <b>PoE</b>                                  | PoE Class 0 (IEEE 802.3af)                                                                                                                                                                                                                                                          |
| <b>PoE power consumption</b>                | 4.18W (IR LED on)<br>3.22W (IR LED off)                                                                                                                                                                                                                                             |
| <b>dimensions</b>                           | 59 W x 93.7 H x 45.5 D (mm)                                                                                                                                                                                                                                                         |
| <b>net weight</b>                           | 230g (w/o bracket)                                                                                                                                                                                                                                                                  |
| <b>temperature and humidity</b>             | 0°C ~ 45°C, 20% ~ 90%                                                                                                                                                                                                                                                               |
| <b>temperature (cold start)</b>             | n/a                                                                                                                                                                                                                                                                                 |
| <b>other value-added features</b>           | PIR                                                                                                                                                                                                                                                                                 |
| <b>software</b>                             |                                                                                                                                                                                                                                                                                     |
| <b>OS</b>                                   | Windows® XP / Vista / 7                                                                                                                                                                                                                                                             |
| <b>browser</b>                              | IE 6.0, Firefox 2.0, Safari 4.0 or above                                                                                                                                                                                                                                            |
| <b>firmware remote upgrade</b>              | yes (via HTTP)                                                                                                                                                                                                                                                                      |
| <b>VMS software</b>                         | NXU Lite (free up to 32CH)                                                                                                                                                                                                                                                          |
| <b>NXU Lite SW supported languages (UI)</b> | English / Arabic / Bulgarian / Czech / Danish / Dutch / Finnish / French / German / Greek / Hebrew / Hungarian / Italian / Japanese / Norwegian / Polish / Portuguese / Romanian / Russian / Simplified Chinese / Slovak / Spanish / Swedish / Thai / Traditional Chinese / Turkish |
| <b>Camera Web GUI supported languages</b>   | English / French / German / Italian / Japanese / Polish / Portugese / Russian / Spanish / Traditional Chinese                                                                                                                                                                       |

