

## N20-1210-16



## Specification

### Technical data

|                          |                              |
|--------------------------|------------------------------|
| Minimum working distance | 270 mm                       |
| Maximum working distance | 270 mm                       |
| Optimum working distance | 270 mm                       |
| Focal length             | 12 mm                        |
| Mass                     | 550 g                        |
| Vergence angle           | 10.00                        |
| Resolution (h x v)       | 1280 x 1024                  |
| Dimensions H/W/L         | 50.0 mm x 175.0 mm x 50.0 mm |
| f-number                 | 1.6                          |
| Base line                | 100 mm                       |
| Power consumption        | 9.5 W                        |

### Measurement volume

| Distance      | Z resolution | View field size X | View field size Y | Optics blur | Pixel size |
|---------------|--------------|-------------------|-------------------|-------------|------------|
| <b>262 mm</b> | 0.036 mm     | 128.37 mm         | 113.50 mm         | 2.443 px    | 0.111 mm   |
| <b>263 mm</b> | 0.037 mm     | 129.24 mm         | 113.93 mm         | 2.319 px    | 0.111 mm   |
| <b>264 mm</b> | 0.037 mm     | 130.11 mm         | 114.37 mm         | 2.197 px    | 0.112 mm   |
| <b>265 mm</b> | 0.037 mm     | 130.98 mm         | 114.80 mm         | 2.075 px    | 0.112 mm   |
| <b>266 mm</b> | 0.037 mm     | 131.85 mm         | 115.23 mm         | 1.954 px    | 0.113 mm   |
| <b>267 mm</b> | 0.038 mm     | 132.73 mm         | 115.67 mm         | 1.834 px    | 0.113 mm   |
| <b>268 mm</b> | 0.038 mm     | 133.60 mm         | 116.10 mm         | 1.715 px    | 0.113 mm   |
| <b>269 mm</b> | 0.038 mm     | 134.47 mm         | 116.53 mm         | 1.597 px    | 0.114 mm   |
| <b>270 mm</b> | 0.039 mm     | 135.34 mm         | 116.96 mm         | 1.479 px    | 0.114 mm   |

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