



213766
ID600-BM38-EP15/300
Fixed-mounted ID Reader

- Inspection tasks: Localize and Detect (Read) ID code
- Upgrade option: DPM (Direct Part Mark)
- The specialist, compact and high-performance
- High power LED illumination in red and white
- Flexible and productive Software nVision-i
- Parameter changes via linked Profinet inputs during execution
- Simple & intuitive parameterization
- Flexible working distances of 50 - 2,000 mm by changing lenses
- Customization option



Technical drawing showing dimensions and component labels:

- Dimensions: 45 mm width, 70 mm height, 16 mm mounting hole offset, 32 mm mounting hole diameter, 34 mm housing length, 85 mm total height, 9.2 mm bottom offset, 25 mm lens diameter, 12.5 mm connector offset, 34 mm mounting hole diameter, 12.5 mm connector offset.
- Labels: M12, 12-pol A-codiert; M12, 8-pol X-codiert; M3x0.5 - 6H (4x); LED rot (4x); LED weiss (4x); LED gelb/yellow Trigger; LED gelb/yellow LAN; LED grün/green Betrieb; R6.5; Ø41.5.

| 12-pol A-codiert | | |
|------------------|------------------|---------------|
| 1 | SPS_IN0 | 7 +UB |
| 2 | SPS_IN1 | 8 GND |
| 3 | SPS_OUT_2 | 9 NC |
| 4 | SPS_OUT_3 | 10 Trigger IN |
| 5 | READY | 11 SPS_OUT_0 |
| 6 | COMMON INTERFACE | 12 SPS_OUT_1 |

| 8-pol X-codiert | | |
|-----------------|--------|----------|
| 1 | LAN A+ | 5 LAN D+ |
| 2 | LAN A- | 6 LAN D- |
| 3 | LAN B+ | 7 LAN C- |
| 4 | LAN B- | 8 LAN C+ |

| Function | | | | | | | | | |
|----------|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | |



| Technical data (typ.) | +20°C, 24 V DC |
|---------------------------------|---|
| Service voltage | 18 ... 30 V DC |
| No-load current (max.) | 1000 mA (24 V DC) |
| Insulation voltage endurance | 500 V |
| Housing dimensions | 85 x 45 x 34 mm |
| Housing length | 34 mm |
| Housing height | 85 mm |
| Housing width | 45 mm |
| Housing material | Die-cast zinc (Black, powder-coated) |
| Material | PMMA (Window / optics) |
| Lens connection | S-mount |
| Weight | 265 g |
| Protection class | III, operation on protective low voltage |
| Risk group (DIN EN 62471) | Risk group 1 |
| Approvals | UL |
| Model | ID-600 |
| Design | Cuboid design |
| Note | EtherNet/IP from nVision-i 24.1 |
| Shutter | global |
| Code type - 1D-Codes (barcodes) | Code 2 of 5, Codabar, Code 128, Code 39, Databar, UPC / EAN, Pharmacode |
| Code type - 2D-Codes | Aztec Code, Data Matrix, Dotcode, QR |
| Code type - Stacked codes | PDF 417 |



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| Technical data (typ.) | +20°C, 24 V DC |
|--------------------------------------|---|
| Scope of delivery | ID600-BM38-EP15/300, O-S1-S-080-40, CS60-WINDOW |
| Switching output | Push-pull, 100 mA |
| Switching output number | 4 (programmable, 1 (Ready)) |
| Voltage drop (max.) | 2 V |
| Interface | Ethernet |
| Protocols | TCP/IP, FTP/SFTP, Profinet, EtherNet/IP |
| Color | Red / white switchable (internal) |
| Focal length | 8 mm (exchangeable S-mount lens) |
| Resolution | 1456 x 1088 Pixel |
| Pixel size | 3.45 x 3.45 µm |
| Working distance | 50.0 ... 2000 mm |
| Display | LED Green - Operation, yellow - DATA-Link yellow - Trigger |
| FPS - Frames Per Second (max.) | 30 images/second |
| Flash length | < 2 ms |
| Ambient temperature during operation | 0 ... +50 °C |
| Vibration/shock resistance | 10 to 55 Hz / 1.0 mm / 30 g / 11 ms |
| Protection type | IP 67 |
| Connection | Connector, M12, 12-pin (A-coded) |
| Connection 2 | Socket, M12, 8-pin (X-coded) |
| Cable | Connection cables max. 25 m |
| More information / accessories | https://www.di-soric.com/213766 |