

# ***Yanzeo E9820***

## ***Industrial 2D Wired Scanner***



### **Product Features :**

- High-speed decoding, responsive
- Strong versatility: USB, USB-COM and other interfaces are provided
- Ergonomic design and comfortable feel
- Outstanding durability: IP65 rated for dust and water resistance, while withstanding a 1.5 meter drop to a concrete floor

## Technical parameters

|                         |                                                                                                                                                                                                                                                                                 |  |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Scan mode               | Push-button trigger/auto-sensing/continuous scanning                                                                                                                                                                                                                            |  |
| Communication interface | USB-HID keyboard/USB-COM virtual serial port/RS232 serial port (optional).                                                                                                                                                                                                      |  |
| Interface type          | USB TYPE-B                                                                                                                                                                                                                                                                      |  |
| Prompt way              | Buzzer, LED light, Vibration                                                                                                                                                                                                                                                    |  |
| How it's set up         | Manually scan the setting code one after the other                                                                                                                                                                                                                              |  |
| Housing material        | ABS+PC                                                                                                                                                                                                                                                                          |  |
| Cable standards         | Straight line 1.6m                                                                                                                                                                                                                                                              |  |
| Exterior dimensions     | 194mm× 98mm×75mm (product),<br>230mm× 91mm×67mm (outer packing).                                                                                                                                                                                                                |  |
| Weight                  | 342.4g (NW) ; 415.6g (GW).                                                                                                                                                                                                                                                      |  |
| Sensors                 | CMOS                                                                                                                                                                                                                                                                            |  |
| Resolution              | 1280*1024                                                                                                                                                                                                                                                                       |  |
| Light source            | LED                                                                                                                                                                                                                                                                             |  |
| Scan angle              | ± 60°, ±60°, 360° (elevation, declination, rotation).                                                                                                                                                                                                                           |  |
| Scan rate               | 50 frames/sec                                                                                                                                                                                                                                                                   |  |
| Field of view           | 40° (H) x 34° (V)                                                                                                                                                                                                                                                               |  |
| Print contrast          | Minimum 20%.                                                                                                                                                                                                                                                                    |  |
| Decode the kind         | 1D: EAN13, EAN 8, UPC-A, UPC-E0, UPC-E1, Code128, Code39, Code93, Interleaved 2 of 5, Industrial 25, Matrix 2 of 5, Code11, Coda Bar, MSI, RSS-14, RSS- Ltd, RSS-Exp, Standard 2 of 5, Plessey, etc.<br>2D: QR Code, Data Matrix, PDF417, Micro QR, Maxi Code, Aztec Code, etc. |  |
| Minimum resolution      | 1D: 3mil; 2D: 5mil                                                                                                                                                                                                                                                              |  |
| Depth of field          | QR (20mil) 25~470mm<br>Data Matrix (10mil) 50~250mm<br>PDF 417 (6.7mil) 60~275mm<br>EAN-13 (13mil) 50~700mm<br>Code 39 (8.3mil) 45~420mm<br>Code 128 (8.3mil) 55~480mm                                                                                                          |  |
| Input voltage           | DC 5V±10%                                                                                                                                                                                                                                                                       |  |
| Current                 | Operating: 314 mA, Standby: 151 mA                                                                                                                                                                                                                                              |  |
| Temperature             | 0°C-50°C(Working);-40°C~+70°C(Storage).                                                                                                                                                                                                                                         |  |
| Humidity                | 5%-95% non-condensing                                                                                                                                                                                                                                                           |  |
| Ambient brightness      | Max.100,000 Lux(fluorescence)                                                                                                                                                                                                                                                   |  |
| Ingress protection      | IP65                                                                                                                                                                                                                                                                            |  |
| Seismic resistance      | It can withstand a 1.5m drop in the air                                                                                                                                                                                                                                         |  |