

# RFID Card Reader and Writer

| Model No                             | W10&R10   | W20&R20  |
|--------------------------------------|---|--|
| Frequency                            | 13.56MHz  | 13.56MHz   |
| Protocol                             | ISO 14443 TYPE A , ISO15693   | ISO 14443 TYPE A , ISO15693  |
| Cards supported                      | Mifare_One (S50&S70)/ UltraLight / Mifare_ProX; AT88RF020/ SR176 / SR1X4K Tag_it2k HF-1/I.CODE SLI /SRF55V10P | Mifare_One (S50&S70)/ UltraLight / Mifare_ProX; AT88RF020/ SR176 /SR1X4K Tag_it2k HF-1/I.CODE SLI /SRF55V10P |
| Typical time to read and write cards | <100ms  | <100ms   |
| Maximum effective distance           | 5 -8cm  | 5 -8cm   |
| Power supply                         | DC 5V   | DC 5V  |
| Communication Interface              | USB or RS232  | USB or RS232   |
| Operating temperature                | -10 degree~ 70 degree   | -10 degree~ 70 degree  |
| Storage temperature                  | -20 degree ~ +80 degree   | -20 degree ~ +80 degree  |
| Relative humidity                    | Up to 90%   | Up to 90%  |
| Dimension                            | 11.2cm×81.8cm×2.6cm   | 10.5*7.5*1.3cm   |
| Weight                               | 120g (including cable)  | 121g (including cable)   |
| SDK                                  | CSharp Demo ,delphi7.0, VC6.0 ,VB,JAVA Demo   | CSharp Demo ,delphi7.0, VC6.0 ,VB,JAVA Demo  |