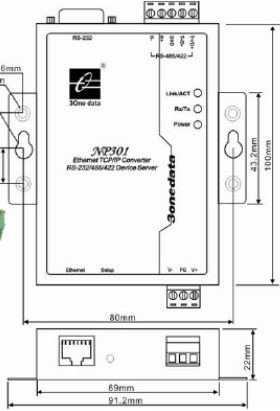


### NP301



3onedata



## General Specifications

<b>Power Input</b>	VDC	9~48VDC
<b>Consumption</b>	W	Approx. 1.4W
<b>Operating Temperature</b>	Metric (C)	-40°C to 75°C
	USA (F)	-40°F to 167°F
<b>Relative Humidity</b>	%	5% to 95% (non condensing)
<b>Size</b>	Metric (mm)	100 (L) x 69 (W) x 22 (H)
	USA (inches)	3.94 (L) x 2.72 (W) x 0.87 (H)
<b>Colour</b>		Black and Blue
<b>Weight</b>	Metric (g)	530g
	USA (oz)	18.70oz
<b>Shell (case)</b>	Material	Iron
<b>Mounting</b>		Wall or DIN-Rail Mounting
<b>Certifications</b>		CE, FCC, ROHS
<b>EMC Protection</b>	NP301	Yes
<b>Management Interface</b>		Web based interface
<b>BQT Tested</b>		Biomatch and BioXK SDK
<b>Storage Temperature</b>	Metric(C)/USA(F)	-40°C/-40°F to 85°C/185°F

### Package Contents

- 1 x Converter
- 1 x Network cable
- 1 x power supply (AUS standard)
- 1 x CD

- **Tested for use with BQT Solutions Readers, BIOXK Software Developers Kit and BioMatch Software.**
- **32 bit ARM Processor, Low consumption design.**
- **Wide range of other applications.**
- **Easy configuration using web based interface.**
- **Screw terminals for DC input and wide ranging power input allows for easy connection to ACS power supply.**

LAN Interface:	Serial Interface:
Standard: 10Base-T, 100 Base-TX	Ports: 1 port RS-232, 1 port RS-422/RS-485
Protocol Support: TCP, UDP, APR, ICMP and DHCP protocol	RS-232 signal: TXD, RXD, RTS, CTS, DTR, DSR, GND
Signal: RX+, Rx-, Tx+, Tx-	RS-422 signal: T+(A), T-(B), R+(A), R-(B), GND
Speed: 10/100 Mbps	RS-485 signal: D+(A), D-(B), GND
Working: Full-duplex and half duplex	Parity bit: None, Even, Odd, Space, Mark
Working Mode: Support Server and Client	Data bit: 5 bit, 6 bit, 7 bit, 8 bit
Transmission: 100m / 109 yd	Baud Rate: 300bps~115200bps
Protection: 1.5KV ESD	Flow control: RTS/CTS or XON/XOFF
Connector: RJ45	Direction control: RS-485 side adopt ADDC technology, auto text & control data transfer direction
<b>Other:</b>	Loading: RS485/422 side support 32 nodes (customisable to 128 nodes) loopback
Power: External power supply plug or screw terminal to reader supply	Transmission: RS-485/RS-422 side 1200m/ 1312 yd, RS-232 port 15m/ 16 yd
Power Supply: Available to order for differing country plug requirements.	Interface Protection: 1500W surge protection, 15KV static protection
	Interface Type: RS-485/RS-422 side 5 bit terminal block, RS-232 side DB9 male