

	EC350	EC220	EC250	EC150	WS100	WS200
Hardware						
Order code	NB1005	NB1000	NB1003	NB1001	WS100	WS200
Housing	Metal	Metal	Plastic	Plastic	Plastic	Plastic
GSM/GPRS	850/900/1800/1900 MHz	850/900/1800/1900MHz	850/900/1800/1900MHz	-	-	850/900/1800/1900MHz
3G: UMTS/HSPA+ (WCDMA/FDD)	850/800, 900, 1900 and 2100 MHz	-	-	-	-	-
Antenna connector	SMA female	SMA female	SMA female	-	-	SMA female
Ethernet	10/100 Mbit/s	10/100 Mbit/s	10/100 Mbit/s	10/100 Mbit/s	10/100 Mbit/s	10/100 Mbit/s
Serial port #1	RS232	RS232 (DSUB)	RS232 (DSUB)	RS232 (DSUB)	RS232 (DSUB)	RS232 (DSUB)
Serial port #2	RS485	RS485	RS485/RS422/RS232	RS485/RS232	RS485/RS232	RS485/RS422/RS232
Operating Temp	-40 to +65 °C	-30 to +65 °C	-30 to +65 °C	-40 to +65 °C	-40 to +65 °C	-30 to +65 °C
Power Supply	12-48V DC	9-24V DC	9-24V DC	9-24V AC/DC	9-24V AC/DC	9-24V DC
Power Consumption	4,5W	2W	3W	2W	2W	3W
Mechanical dimensions	135x92x26mm	92x115x25mm	90x70x58mm	90x70x58mm	90x70x58mm	90x70x58mm
DIN Rail / Wall Mount	• (optional) / •	• (optional) / •	• / -	• / -	• / -	• / -
Housing Class	IP20	IP20	IP20	IP20	IP20	IP20
Protocol	Modbus RTU	Modbus RTU	Modbus RTU / ASCII / TCP, SNMP ¹	Modbus RTU / ASCII / TCP, SNMP ¹	Modbus RTU / ASCII / TCP	Modbus RTU / ASCII / TCP
Modbus Slaves	32	16	32	32	32	32
Baud rate	1200-115200 baud	300-115200 baud	300-115200 baud	300-115200 baud	300-115200 baud	300-115200 baud
Certification	CE (cUL _{US} , FCC/IC, Teleg, RCM, PTCRB, IC, ATEX/HAZ Loc are pending)	CE, cUL _{US} , FCC/IC, PTCRB	CE, cUL _{US}	CE	CE, cUL _{US}	CE, cUL _{US} , FCC/IC, PTCRB
I/O's						
Digital Inputs	2 DI (Dry contact)	2 DI (isolated max 24VDC)	2 DI (0-24 VDC)	2 DI (0-24 VDC)	2 DI (0-24 VDC)	2 DI (0-24 VDC)
Relay Outputs	1 Relay (max 24 VDC/1A)	1 Relay (max 30 VDC/1A)	-	1 Relay (max 30 VDC/1A)	-	-
Analog Inputs	4 inputs, all supporting 0-10V or 0-20mA. Support for PT100 on AI1 and AI3.	2 AI (PT100, 0-10V, 0-20mA)	-	-	-	-
Analog Outputs	-	1 AO (0-10V)	-	-	-	-
Netbiter Argos						
Netbiter Argos Support	✓	✓	✓	✓	✓	✓
Configuration	✓	✓	✓	✓	-	-
Backup and replace	✓	✓	✓	✓	✓	✓
Dashboards² / Overview pages²	3/1	3/1	3/1	3/1	0/20	0/20
Visualisation parameters	-	-	-	-	-	-
Overview parameters	128	16	64	64	(20+20) x 20	(20+20) x 20
Log parameters	128	16	64	64	64	64
Log interval*	30sec - 60min	30sec - 60min	30sec - 60min	30sec - 60min	30sec - 60min	30sec - 60min
Number of Alarms	128	16	64	64	64	64
Type of Alarm*	E-mail/SMS/RSS	E-mail/SMS/RSS	E-mail/SMS/RSS	E-mail/SMS/RSS	E-mail/SMS/RSS	E-mail/SMS/RSS
Connection Failover	-	-	✓	-	-	-
Local web server						
Configuration					✓	✓
Backup replace					✓	✓
Pages					20	20
Parameters / page					20 x 2	20 x 2
Log parameters					64	64
Log interval					10sec - 60min	10sec - 60min
Number of Alarms					64	64
Type of Alarms - Internal					E-mail/SNMP	E-mail/SMS/SNMP

1) Supports Get and Set Requests
 2) Depending on Netbiter Argos subscription level