

U2-ProS Specifications

Display	3.5" Color LCD with LED backlight
Input Device	Pocket-sized IR remote keypad
Print Engine Technology	Thermal Inkjet
LED Indicators	Alarm, Ink Low, Print, Run, Remote on/off
Available Languages	English, Chinese (Traditional), Chinese (Simplified), Japanese, Russian, Korean, German, Portuguese, Spanish, French, Italian, Turkish, Hungarian, Slovak, Czech, Swedish, Romanian, Serbian Latin, Serbian Cyrillic, Bulgarian, Polish, Vietnam
Sensor	Internal photocell
Encoder	External
Mounting Orientation	Horizontal or downside
Max. Printing Resolution	400(h) x 600(v) dpi Print quality is dependent on resolution and speed
Max. printing Speed	60.96 Meters/Mins at 300 dpi setting
Max. Printing Distance	Recommended 6mm from nozzle to surface
Message Height	Up to 12.7mm (0.5") Selectable font size: 1.0mm, 1.4mm, 1.8mm, 2.7mm, 3.6mm, 4.5mm, 5.0mm, 5.5mm, 6.4mm, 8mm, 10mm, 11mm, 12.7mm"
Print Capabilities	Alphanumeric, logos, date/time, shift code, counter, lot box code
Barcodes	Code-128, ITF-14(SCC-14),NVE(SSCC-18), EAN-128, PDF417, Data Matrix,QR Code, DUN-14, GS1 Datamatrix, GS1 DataBar, GS1 DataBar EXP, GS1 QR CODE, UPCA, UPCE, EAN-13, EAN-14, EAN-8, Codabar, Aztec Code, INTER25, CODEBAR, Code-39
Message Storage Capacity	Store up to 999 messages
Input/Output	RS-485, RS-232, USB, Wi-Fi & Ethernet
Power Adapter	AC 100V~240V, 50/60Hz
Operating Temperature	5°C – 40°C (41°F – 104°F)
Dimensions	114 (L) x 76 (W) x 60 (H) mm
Weight	0.49 kgs (1.08 lbs) excluding cartridge and bracket
Standard Accessories	Bracket set, power adapter, USB disk, remote control
Optional Accessories	300 dpi & 400 dpi Encoder kit, Photocell kit, Wi-Fi dongle, Ethernet dongle, U2 Bracket Plus, RS-485 to USB converter, Smart I/O kit, Clock stabilizer
PC software	Message Pro II, Net Commander
Printer Control Protocol	ANSER U2 Net Protocol



U2-SmartONE™ Features



High Readable Rate Barcodes

Capable of printing crispy 1D & 2D barcodes including EAN 128, Code 128, Code 39, Datamatrix, QR and etc.



Zero-Maintenance

The ink cartridge design eliminates unnecessary printhead services; it is truly zero-maintenance and has drastically decreased your total cost of ownership.



Pocket-sized Remote Keypad

Handy and compact remote keypad with comprehensible design for easy operation.



Friendly UI & Intelligent Dashboard

Simple yet elegant user interface for easy operation. The intelligent dashboard design monitors the printer status and provides real-time system notifications.



Automatic Ink Identification

Automatically identifies and selects the proper firing parameter to ensure the best print quality.



Anti-Shock Mechanism Design

Anti-Shock Mechanism Design Eliminate the unexpected damage to your printer with ANSER's unique protective design.

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Sensor	Internal photocell
Encoder	External
Mounting Orientation	Horizontal or downside
Max. Printing Resolution	400(h) x 300(v) dpi *Horizontal dpi varies from encoder setup, Print quality is resolution & speed dependent
Max. printing Speed	60.96 Meters/Min at 300 dpi setting
Max. Printing Distance	Recommended 6mm from nozzle to surface
Message Height	Up to 25.4mm (1 inch), Selectable font size: 2.0mm, 2.8mm, 3.6mm, 5.4mm, 7.2mm, 9mm, 10mm, 11mm, 12.8mm, 16mm, 20mm, 22mm, 25.4mm
Print Capabilities	Alphanumeric, logos, date/time, shift code, counter, lot box code
Barcodes	Code-128, ITF-14(SCC-14), NVE(SSCC-18), EAN-128, PDF417, Data Matrix, QR Code, DUN-14, GS1 Datamatrix, GS1 DataBar, GS1 DataBar EXP, GS1 QR CODE, UPCA, UPCE, EAN-13, EAN-14, EAN-8, Codabar, Aztec Code, INTER25, CODEBAR, Code-39
Message Storage Capacity	Store up to 999 messages
Input/Output	RS-485, RS-232, USB, Wi-Fi & Ethernet
Power Adapter	AC 100V~240V, 50/60Hz
Operating Temperature	5°C – 40°C (41°F – 104°F)
Dimensions (L/W/H)	114 (L) x 76 (W) x 60 (H) (mm)
Weight	0.49kgs (1.08 lbs.) - excluding cartridge and bracket
Standard Accessories	Bracket set, power adapter, USB disk, remote control
Optional Accessories	300 dpi & 400 dpi Encoder kit, Photocell kit, Wi-Fi dongle, Ethernet dongle, RS-485 to USB converter, Smart I/O kit, Clock stabilizer
PC software	Message Pro II, Net Commander
Printer Control Protocol	ANSER U2 Net Protocol





U2-Smart Specifications

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Available Languages	English, Chinese (Traditional), Chinese (Simplified), Japanese, Russian, Korean, German, Portuguese, Spanish, French, Italian, Turkish, Hungarian, Slovak, Czech, Swedish, Romanian, Serbian Latin, Serbian Cyrillic, Bulgarian, Polish, Vietnam Internal photocell
Sensor	External
Encoder	Horizontal or downside
Mounting Orientation	Horizontal or downside
Max. Printing Resolution	400(h) x 600(v) dpi Print quality is dependent on resolution and speed
Max. printing Speed	60.96 Meters/Min at 300 dpi setting
Max. Printing Distance	Recommended 6mm from nozzle to surface
Message Height	Up to 12.7mm (0.5") Selectable font size: 1.0mm, 1.4mm, 1.8mm, 2.7mm, 3.6mm, 4.5mm, 5.0mm, 5.5mm, 6.4mm, 8mm, 10mm, 11mm, 12.7mm"
Print Capabilities	Alphanumeric, logos, date/time, shift code, counter,lot box code
Barcodes	Code-128, ITF-14(SCC-14),NVE(SSCC-18), EAN-128, PDF417, Data Matrix,QR Code, DUN-14, GS1 Datamatrix, GS1 DataBar, GS1 DataBar EXP, GS1 QR CODE, UPCA, UPCE, EAN-13, EAN-14, EAN-8, Codabar, Aztec Code, INTER25, CODEBAR, Code-39 Store up to 999 messages
Message Storage Capacity	Store up to 999 messages
Input/Output	RS-485, RS-232, USB, Wi-Fi & Ethernet
Power Adapter	AC 100V~240V, 50/60Hz
Operating Temperature	5°C – 40°C (41°F – 104°F)
Dimensions (L/W/H)	114 (L) x 76 (W) x 60 (H) mm
Weight	0.49 kgs (1.08 lbs) excluding cartridge and bracket
Standard Accessories	Bracket set, power adapter, USB disk, remote control
Optional Accessories	300 dpi & 400 dpi Encoder kit, Photocell kit, Wi-Fi dongle, Ethernet dongle, U2 Bracket Plus, RS-485 to USB converter, Smart I/O kit, Clock stabilizer
PC software	Message Pro II, Net Commander
Printer Control Protocol	ANSER U2 Net Protocol



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U2-Diesel Specifications

Display	3.5" Color LCD with LED backlight
Input Device	Pocket-sized IR remote keypad
Print Technology	Thermal Inkjet
LED Indicators	Alarm, Ink low, Print, Run, Remote on/off
Available Languages	English, Chinese (Traditional), Chinese (Simplified), Japanese, Russian, Korean, German, Portuguese, Spanish, French, Italian, Turkish, Hungarian, Slovak, Czech, Swedish, Romanian, Serbian Latin, Serbian Cyrillic, Bulgarian, Polish, Vietnam
Sensor	Internal photocell
Encoder	External
Mounting Orientation	Horizontal or downside
Max. Printing Resolution	400(h) x 600(v) dpi Print quality is dependent on resolution and speed
Max. printing Speed	60.96 Meters/Mins at 300 dpi setting
Max. Printing Distance	Recommended 6mm from nozzle to surface
Message Height	Up to 12.7mm (0.5") Selectable font size: 1.0mm, 1.4mm, 1.8mm, 2.7mm, 3.6mm, 4.5mm, 5.0mm, 5.5mm, 6.4mm, 8mm, 10mm, 11mm, 12.7mm"
Print Capabilities	Alphanumeric, logos, date/time, shift code, counter,lot box code
Barcodes	Code-128, ITF-14(SCC-14),NVE(SSCC-18), EAN-128, PDF417, Data Matrix,QR Code, DUN-14, GS1 Datamatrix, GS1 DataBar, GS1 DataBar EXP, GS1 QR CODE, UPCA, UPCE, EAN-13, EAN-14, EAN-8,Codabar, Aztec Code, INTER25, CODEBAR, Code-39 Store up to 999 messages
Message Storage Capacity	Code-39 Store up to 999 messages
Input/Output	RS-485, RS-232, USB, Wi-Fi & Ethernet
Power Adapter	AC 100V~240V, 50/60Hz
Operating Temperature	5°C – 40°C (41°F – 104°F)
Dimensions (L/W/H)	114 (L) x 76 (W) x 60 (H) (mm)
Weight	0.49kgs (1.08 lbs.) - excluding cartridge and bracket
Standard Accessories	Bracket set, power adapter, USB disk, remote control
Optional Accessories	300 dpi & 400 dpi Encoder kit, Photocell kit, Wi-Fi dongle, Ethernet dongle, RS-485 to USB converter, Smart I/O kit, Clock stabilizer
PC software	Message Pro II, Net Commander
Printer Control Protocol	ANSER U2 Net Protocol





U2-Mobile S Specifications

Display	3.5" Color LCD with LED backlight
LED Indicators	Alarm, Ink low, Print, Run, Remote on/off
Input Device	Pocket-sized IR remote keypad
Print Engine Technology	Thermal Inkjet
Available Languages	English, Chinese (Traditional), Chinese (Simplified), Japanese, Russian, Korean, German, Portuguese, Spanish, French, Italian, Turkish, Hungarian, Slovak, Czech, Swedish, Romanian, Serbian Latin, Serbian Cyrillic, Bulgarian, Polish, Vietnam
Max. Printing Resolution	400(h) x 600(v) dpi Print quality is dependent on resolution and speed"
Max. Print Distance	Recommended 6mm from nozzle to surface
Message Height	Up to 12.7mm (0.5") Selectable font size: 1.0mm, 1.4mm, 1.8mm, 2.7mm, 3.6mm, 4.5mm, 5.0mm, 5.5mm, 6.4mm, 8mm, 10mm, 11mm, 12.7mm"
Print Capabilities	Text, String, Logo, Shift, Counter, DateTime, Expiration Date, Barcode
Barcodes	Code-128, ITF-14(SCC-14), NVE(SSCC-18), EAN-128, PDF417, Data Matrix, QR Code, DUN-14, GS1 Datamatrix, GS1 DataBar, GS1 DataBar EXP, GS1 QR CODE, UPCA, UPCE, EAN-13, EAN-14, EAN-8, Codabar, Aztec Code, INTER25, CODEBAR, Code-39
Input/Output	RS-485, RS-232, USB, Wi-Fi
Message Storage Capacity	Store up to 999 messages
Operating Temperature	5°C - 40°C (41°F - 104°F)
Encoder	Embedded (400DPI)
Dimensions	219 mm (L) x136.9 mm (W) x 143.5 mm (H)
Weight	1.13kgs (2.5 lbs) excluding cartridge
Standard Accessories	Battery, battery charger with adapter, USB disk, remote control
Optional Accessories	Wi-Fi dongle, RS-485 to USB converter, Clock stabilizer
PC software	Message Pro II, Net Commander
Printer Control Protoco	ANSER U2 Net Protoco

Long Lasting Battery

Rated Capacity	1,840 mAh	Dimensions	100.3(L)x56.3 (W)x21 (H)mm
Standard Voltage	11.1V	Weight	150g (0.33 lbs)
Charging Voltage (Max)	12.6V	Cycle Life	More than 300 cycles
Charging Hours (Max)	2 hours	Continuous Printing Hours	4 hours
Operating Temperature	Charge: 0°C - 45°C (32°F - 113°F) Discharge: -20°C-60°C (-4°F-140°F)	Power Adapter of Battery Charger	12.6V 2A
		Stand-by Time	4.5 hours





U2 MobileONE" Specifications

Display	3.5" Color LCD with LED backlight
LED Indicators	Alarm, Ink low, Print, Run, Remote on/off
Input Device	Pocket-sized IR remote keypad
Print Engine Technology	Thermal Inkjet
Available Languages	English, Chinese (Traditional), Chinese (Simplified), Japanese, Russian, Korean, German, Portuguese, Spanish, French, Italian, Turkish, Hungarian, Slovak, Czech, Swedish, Romanian, Serbian Latin, Serbian Cyrillic, Bulgarian, Polish, Vietnam
Max. Printing Resolution	400(h) x 300(v) dpi (Print quality is dependent on resolution and speed)
Max. Print Distance	Recommended 6mm from nozzle to surface
Message Height	Up to 25.4mm (1 inch) Selectable font size: 2.0mm, 2.8mm, 3.6mm, 5.4mm, 7.2mm, 9mm, 10mm, 11mm, 12.8mm, 16mm, 20mm, 22mm, 25.4mm"
Print Capabilities	Text, String, Logo, Shift, Counter, DateTime, Expiration Date, Barcode
Barcodes	Code-128, ITF-14(SCC-14),NVE(SSCC-18), EAN-128, PDF417, Data Matrix,QR Code, DUN-14, GS1 Datamatrix, GS1 DataBar, GS1 DataBar EXP, GS1 QR CODE, UPCA, UPCE, EAN-13, EAN-14, EAN-8, Codabar, Aztec Code, INTER25, CODEBAR, Code-39
Input/Output	RS-485, RS-232, USB, Wi-Fi
Message Storage Capacity	Store up to 999 messages
Operating Temperature	5°C - 40°C (41°F - 104°F)
Encoder	Embedded (400DPI)
Dimensions	219 mm (L) x136.9 mm, (W) x 143.5 mm (H)
Weight	1.13kgs (2.5 lbs) excluding cartridge
Standard Accessories	Battery, battery charger with adapter, USB disk, remote control
Optional Accessories	Wi-Fi dongle, RS-485 to USB converter, Clock stabilizer
PC software	Message Pro II, Net Commander
Printer Control Protocol	ANSER U2 Net Protoco

Long Lasting Battery

Rated Capacity	1,840 mAh
Standard Voltage	11.1V
Charging Voltage (Max)	12.6V
Charging Hours (Max)	2 hours
Operating Temperature	Charge: 0°C - 45°C (32°F - 113°F) Discharge: -20°C - 60°C (-4°F - 140°F)
Dimensions	100.3 (L) x 56.3, (W) x 21 (H) mm
Weight	150g (0.33 lbs)
Cycle Life	More than 300 cycles
Continuous Printing Hours	4 hours
Power Adapter of Battery Charger	12.6V 2A
Stand-by Time	6 hours

