



## Datasheet

### INTUS 3120

#### INTUS 3120 External power supply INTUS 3120-NT Integrated power supply

The compact and robust data acquisition station for PDC. One of the smallest terminals in the market supporting standard Ethernet TCP/IP. Provides the full range of features typical for PCS terminals. Full range of PCS identification readers. Barcode peripherals via a connector-protected optional metal tray. External power supply unit or supply from the 12 VAC/VDC network.

#### Features

- AM80C186 processor
- 512 kB battery backed SRAM
- 512 kB flash EPROM
- Buzzer
- Real-time clock/calendar with lithium battery
- 2x20 character LCD display, backlighting
- Optical indicator, red/green/yellow LED
- Membrane keyboard with six function keys (individual layout) and numeric keypad
- Vandalism contact
- Lock
- 2 digital inputs
- 1 digital output/relay
- Ethernet TCP/IP, 10BaseT

#### Voltage supply

- INTUS 3120  
External power supply, 10V to 24V DC,  
12V to 17V AC
- INTUS 3120-NT  
Integrated power supply 230V AC

#### Programming/Configuration

- Programmable in TCL
- Configurable in TPI using TPI-tasc

#### Integrated readers

- Barcode infrared
- Magnetic card swipe-through
- RFID Legic
- RFID Hitag
- RFID Mifare
- RFID Miro
- Chipcard / memory
- Additional readers on request

#### Option for INTUS 3120:

##### External reader (wand emulation)

- Barcode pen red light
- Barcode touch reader
- Barcode CCD scanner

##### Software support:

- INTUS COM: Communication software for Windows to connect INTUS terminals
- TPI-tasc: Terminal standard software for time & attendance recording and access control
- INTUS RemoteSetup: Configuration/testing software for all the INTUS terminal connected to the network.

#### Dimensions / Weight

INTUS 3120: DxWxH: (40/75x140x300)mm  
Weight: 1kg

INTUS 3120-NT: DxWxH: (57/92x140x300)mm  
Weight: 1.5kg

Colour: front: RAL 7015 slate grey  
Colour Bottom unit: RAL 7016 anthracite

#### Environment

- Ambient temperature in operation:  
0°C to +40°C
- INTUS 3100 with optional heating:  
-25°C to +40°C  
Storage temperature: -20°C to +50°C
- Degree of protection  
INTUS 3120: IP30, IP65 with barcode or RFID reader  
and sealing kit option  
INTUS 3120-NT: IP30



Technical specifications subject to change without notice.

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