

RD500

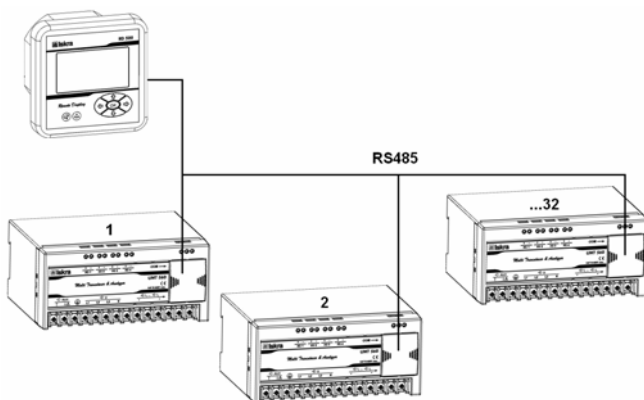
Remote Display

PROPERTIES

- Remote application for measuring transducers (U)MT560, (U)MT550, (U)MT540
- Network connection for up to 32 transducers
- RS485 communication
- Universal power supply 48-276V AC, 20-300V DC
- Graphical LCD 128 x 64 dots
- Multilingual support

APPLICATION

Remote display is very useful for a quick look-up to all measured parameters or to set up the (U)MT5xx measuring transducers without the PC. Navigation keys and graphical LCD display enable remote application and remote display settings. By choosing different RD500 target communication addresses it is possible to track measurements and change settings for up to 32 (U)MT5xx measuring transducers.



EXAMPLE SCREENS

```

Main menu
Settings
Info
Remote Display
www.iskra-mis.si
  
```

```

Remote Display
33: MT560 Analyzer
Ser. #: MT000010
OK Remote Display
  
```

```

Iskra MIS
MT560
Network Analyzer
www.iskra-mis.si
  
```

```

Language
English
Francais
Deutsch
Español
Slovenski
OK Select
  
```

```

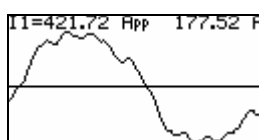
Info
Ser. #: MT000010
S.ver: 1.00
H.ver: A
Date : 19.04.2006
Run : 3d 10h 41'
Main menu
  
```

```

Main menu
Measurements
Settings
Resets
Info
Installation
www.iskra-mis.si
  
```

```

42.73 P
39.26 var +
59.03 S
  
```



TECHNICAL DATA

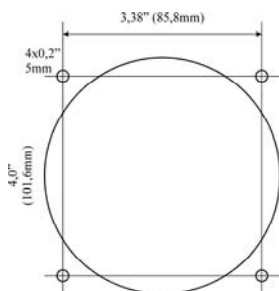
ELECTRONIC FEATURES LCD Type LCD Size LCD refreshing Response time Input → display	Graphic LCD 128 x 64 dots Every 200 ms All calculations are averaged over an interval of between 8 to 256 periods. Preset interval is 64 periods, which is 1.28 second at 50 Hz.
LED'S Communication Alarm	Green Communication with RD500 in progress Red Fulfilled condition for alarm
COMMUNICATION Type Connection terminals	RS485 DB9 connector
POWER SUPPLY Universal	AC Rated voltage 48...276 V AC Rated frequency 45...65 Hz DC Rated voltage 20...300V Consumption < 5 VA
SAFETY FEATURES Safety EMC	In compliance with SIST EN 61010-1: 2002 300 V rms, installation category III Pollution degree 2 Directive on electromagnetic compatibility 2004/108/ES In compliance with SIST EN 61000-6-2:2005 and SIST EN 61000-6-4:2002

Protection	In compliance with SIST EN 60529: 1997 Front side: IP52 Rear side: IP20
Ambient conditions Climatic class	3 In compliance with SIST EN 62052-11: 2004 In compliance with SIST EN 62052-21: 2005
Operation temperature	-5 to +55°C
Storage temperature	-25 to +70°C
Max. humidity	≤ 90% r.h.
Enclosure	ABS & Polycarbonate Blend – self-extinguishability, in compliance with UL 94 V0
Weight	up to 450g

CONNECTION

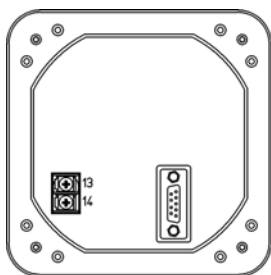
MOUNTING

Remote display is designed for panel mounting. Before inserting the device into the panel cut-out, removes four nuts and flat washers, insert it and position the nuts and flat washers. Fix device to the panel. Recommended panel cut out is 4 inch.



Panel cut out

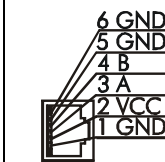
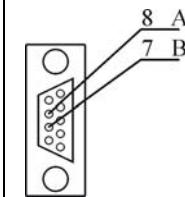
POWER SUPPLY



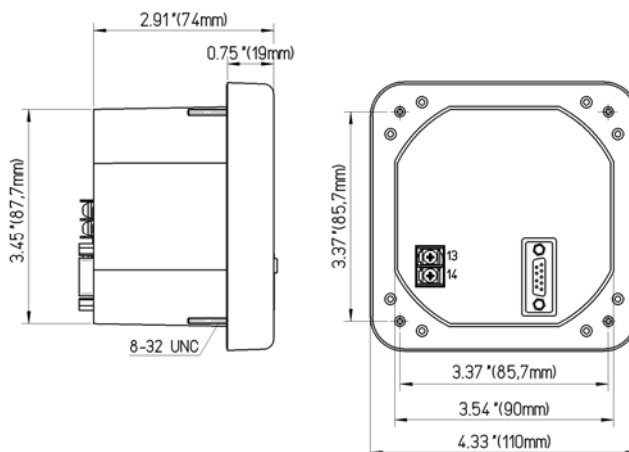
Connection of universal power supply to terminals 13, 14

COMMUNICATION CONNECTION

Terminals	Pos.	Data	Description
RD500	1	Not connected	–
	2	–	Do not connect!
	3	–	Do not connect!
	4	Not connected	–
	5	–	Do not connect!
	6	Not connected	–
	7	To/From	B
	8	To/From	A
	9	Not connected	–
(U)MT5X0	1	–	Grounding (⊥)
	2	–	Vcc
	3	To/From	A
	4	To/From	B
	5	–	Grounding (⊥)
	6	–	Grounding (⊥)



DIMENSIONAL DRAWING



 **Iskra**
Iskra MIS, d.d.

Ljubljanska 24a
SI-4000 Kranj
Slovenia
Tel.: +386 4 237 21 40
Fax: +386 4 237 21 29
E-mail: iskra@iskra-mis.si
Internet: www.iskra-mis.si

