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# 5G

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# Iris-100/Iris-200
# High Density Digital Cross Connect

**I-110**

**I-210**

**I-250**

**Key Features**

- High Density non blocking E1Timeslot Switch and Groomer
- Monitors up to 32 E1's x 8 E1 Tx outputs
- Protected Monitoring / Grooming according to ITU-T G.772
- Easy to use
- Configurable input gain
- Proactive Alarm Reporting
- Web Browser and SNMP management

## Applications

- QoS measurement
- Protocol analysis
- Real time surveillance
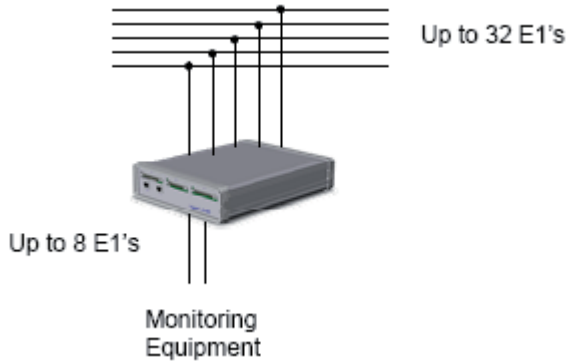- Troubleshooting

**telena**
telecomunicazioni
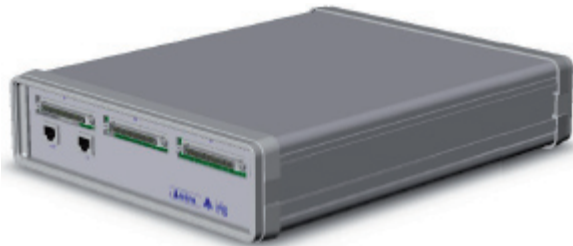
## 2

### Iris

IRIS is a high density non blocking timeslot matrix switch designed to work in conjunction with Protocol Analyzer or Probes.

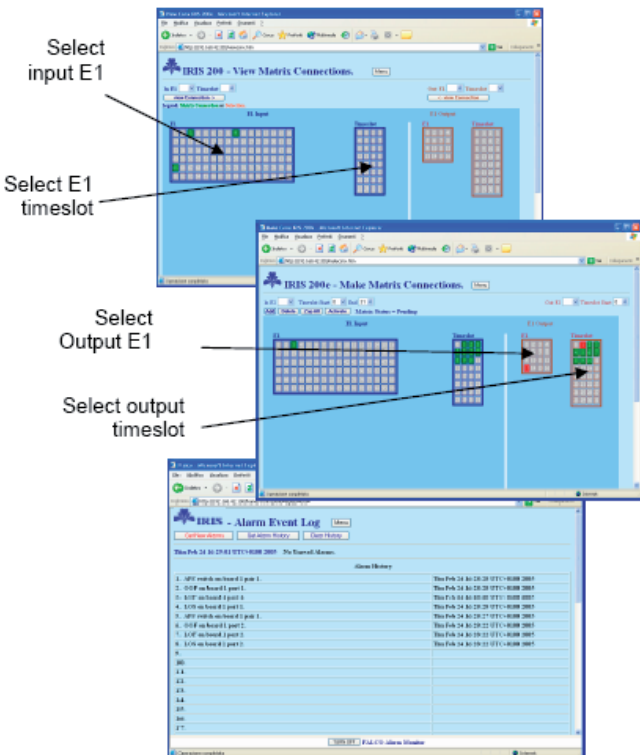Any timeslot of the incoming E1 signal can be switched to any of the output timeslot available.

An incoming timeslot can also be duplicated on several outgoing timeslots.



### IRIS management

IRIS supports several management modes

- Browser
- SNMP manager
- PC terminal



### Easy to use

IRIS includes HTTP Web management server for Browser Management Access from any PC with Internet connection.

Through effective use of Web pages and pop up windows the user can easily access and modify device configuration and monitor its operation.

### Proactive alarm reporting

IRIS incorporates alarm reporting feature enabling immediate detection of monitored links status problems.

### IRIS-110 main characteristics

Inputs: Up to 4 E1
Outputs: Up to 2 Tx
Available timeslots 1 - 31
Timeslot selection: Any to Any

### Input interface

Programmable as: E1 G.703/G.704
Protected monitoring point (G.722)
terminated on 75 ohm (E1)
terminated on 120 ohm (E1)

### Sensitivity

32 dB with 0 dB attenuation (external protection)
12 dB with 20 dB attenuation (internal protection)

### Output interface

Programmable as 120 or 75 ohm

### Management

Web browser
SNMP support
Telnet

### Management interface

10/100 BT Ethernet
RJ-45 Connector

### Power

220/110 VAC 50/60 Hz
Optional 48 VDC

### Dimensions

175 width × 210 depth × 41 mm height

### Weight

< 1.5 kg



**I-110-4-2**

# 3

## IRIS-210 main characteristics

Inputs: Up to 16 E1
Outputs: Up to 4 Tx
Available timeslots 1 - 31
Timeslot selection: Any to Any

### Input interface

Programmable as: E1 G.703/G.704
Protected monitoring point (G.722)
terminated on 75 ohm (E1)
terminated on 120 ohm (E1)

### Sensitivity

32 dB with 0 dB attenuation (external protection)
12 dB with 20 dB attenuation (internal protection)

### Output interface

Programmable as 120 or 75 ohm

### Management

Web Browser
SNMP support
Telnet

### Management interface

10/100 BT Ethernet
RJ-45 Connector

### Power

220/110 VAC 50/60 Hz
Optional 48 VDC
Optional redundant power supply

### Dimensions

48.3 width × 43.7 depth × 8.8 cm height

### Weight

4 kg (8,8 pounds)

**I-210-8-2**

**I-210-16-4**

## Iris-250

Iris-250 series is a system including a Base Unit and two Connector Panels providing the actual input and output ports.

This endows Iris with a great deal of flexibility in answering to customers' connectivity requirements.

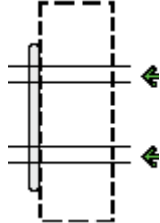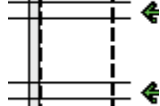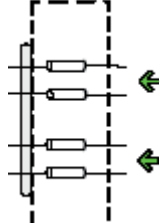RJ-45 or 1.0/2.3 coax connectors cover most physical terminations in the market.

Connector Panels can be supplied with or without protection resistors.

I-250-32-8
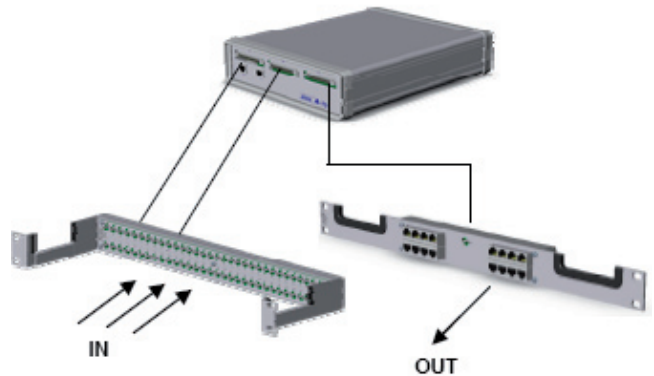
## Iris-250 Sensitivity

As connector panels can be supplied with or without internal protection resistors, the Iris-250 system can have a sensitivity of:

- 32 dB for Iris with 0 dB attenuation connector panels (external protection)
- 12 dB for Iris with 20 dB attenuation connector panels (internal protection)
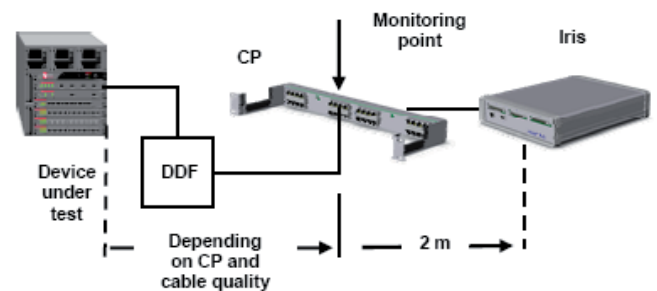
## Connector panels
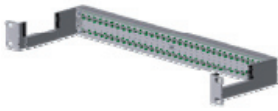
**64 circuits**
**64 1.0/2.3 coax**

**64 circuits**
**32 RJ-45**

**32 circuits**
**16 RJ-45**

## IRIS-250 main characteristics

Inputs: Up to 32 E1's
Outputs: Up to 8 Tx
Available Timeslots 1 - 31
Timeslot selection: Any to Any

### Input interface

Programmable as: E1 G.703/G.704
Protected monitoring point (G.722)
terminated on 75 ohm (E1)
terminated on 120 ohm (E1)

### Sensitivity

32 dB for Iris with 0 dB attenuation connector panels (external protected point)
12 dB for Iris with 20 dB attenuation connector panels (internal protected point)

### Output interface

Programmable as 120 or 75 ohm

### Management

Web Browser
SNMP support
Telnet

### Management interface

10/100 BT Ethernet
RJ-45 Connector

## Power
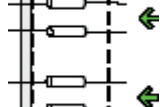
220/110 VAC 50/60 Hz
Optional 48 VDC

## Dimensions

48.3 width × 43.7 depth × 8.8 cm height

## Weight

4 kg (8,8 pounds)

| Without protection | E1 / T1 | Connector | Circuit |
|---|---|---|---|
| F-CP-32-E/T-J4-0R | 32 E1/T1 | RJ-45 | |
| F-CP-64-E/T-J4-0R | 64 E1/T1 | RJ-45 | |
| F-CP-64-E75-N3-0R | 64 E1/T1 | 1.0/2.3 coax | |

| With protection | E1 / T1 | Connector | Circuit |
|---|---|---|---|
| F-CP-32-E/T-J4-HR | 32 E1/T1 | RJ-45 | |
| F-CP-64-E/T-J4-HR | 64 E1/T1 | RJ-45 | |
| F-CP-64-E75-N3-HR | 64 E1/T1 | 1.0/2.3 coax | |

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