



## BLACK Pro

Dual satellite cascadable Unicable switch with 8 User bands  
2 legacy ports and Terrestrial antenna input

IDLP-USS200-CUO10-8PP

The IDLP-USS200-CUO10-8PP is the smallest form factor Unicable switch enabling the reception of 2 satellites and installations with up to 8 satellite receivers over a single cable. In addition to its eight User Bands Unicable output, the multiswitch also features two legacy outputs, a terrestrial antenna input and is powered by an external power supply.

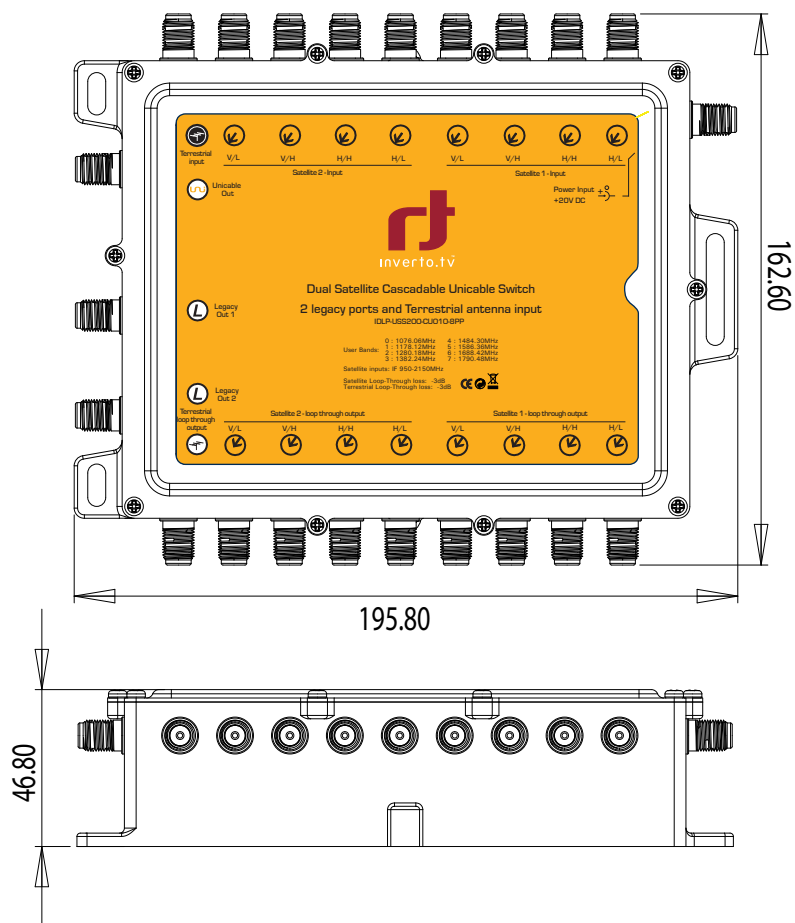
The multiswitch receives (and cascades) eight satellite IF bands (L/V, L/H, H/V and H/H for satellites 1 & 2) and Terrestrial VHF/UHF signals. The Unicable and the legacy outputs are combined with the Terrestrial signal.

The Terrestrial input is not amplified.

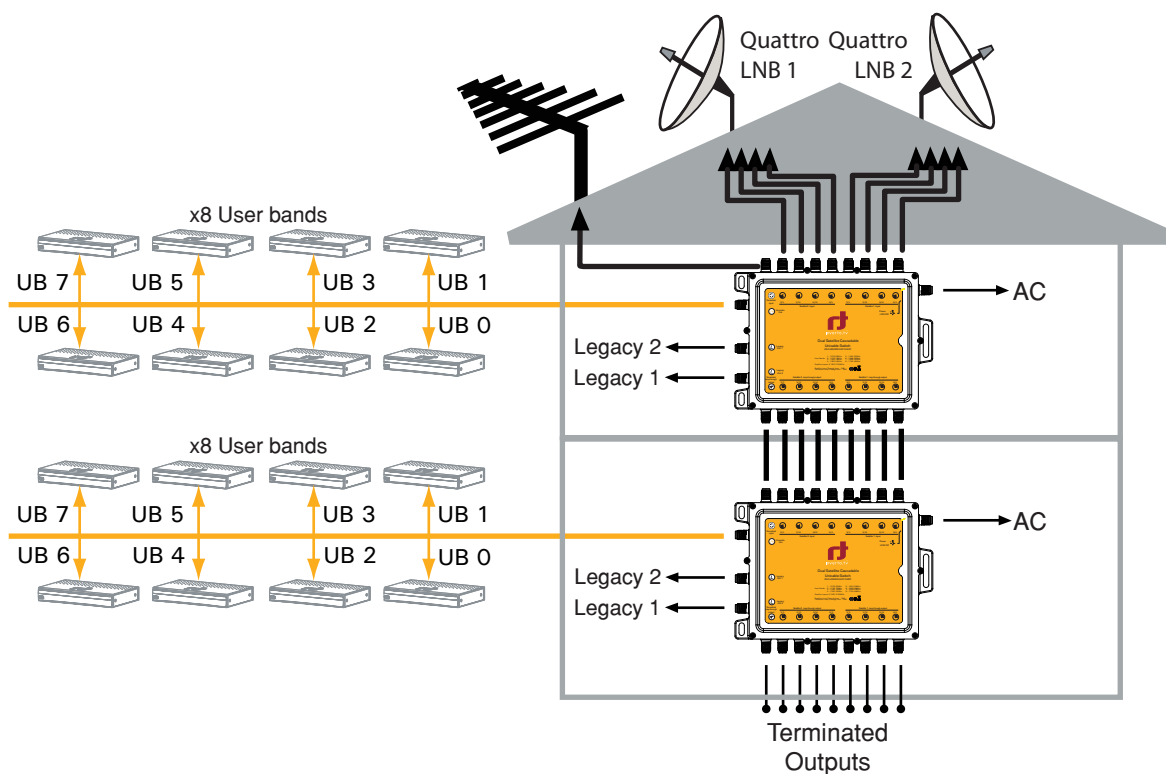
The communication protocol between the multiswitch and the receivers connected through the Unicable port is based on the EN 50494 standard for single cable distribution.

For indoor and outdoor installations.

Unicable  
multiswitch



## Dual Satellite, 8 User Band Unicable multiswitch with 2 Legacy ports Connection Diagram



Supplied with AC power adaptor

### Accessories:

Power insert IDLP-UI000-OU000-0OP

Unicable splitter IDLP-USP100-OU020-0OP

## Technical Specifications

Inputs	8 x Satellite IF inputs from 2 Quattro LNBS 1 x UHF/VHF input from Terrestrial antenna
Outputs	8 x loopthrough satellite IF outputs 1 x loopthrough terrestrial output 2 x Legacy output with combined terrestrial signal. 1 x Unicable output for up to 8 receivers with combined terrestrial signal
Control Protocol	DiSEqC extension commands per EN50494
Inputs frequency range:	Satellite 950 ~ 2150 MHz Terrestrial 47 ~ 862 MHz
Loop-through loss:	Satellite - 3 dB max. Terrestrial - 3 dB max.
Conversion gain:	Unicable output +10 to +20 dB Legacy universal output -1 to +7 dB
Input power range	-45 to -15 dBm
User band (Channel) bandwidth	40 MHz
User band (Channel) gain ripple	3 dB max.
User band frequencies (Channels)	CH 0 : 1076.06 MHz CH 1 : 1178.12 MHz CH 2 : 1280.18 MHz CH 3 : 1382.24 MHz CH 4 : 1484.30 MHz CH 5 : 1586.36 MHz CH 6 : 1688.42 MHz CH 7 : 1790.48 MHz
RF Isolation:	
Satellite/Satellite IF	28 dB min.
Satellite/Terrestrial	35 dB min.
Satellite Channel/Channel (UBs)	30 dB min.
Lo phase noise	@1 KHz: -92 max dBc/Hz @10 KHz: -101 max dBc/Hz @100 KHz: -99 max dBc/Hz @1 MHz: -103 max dBc/Hz @10 MHz: -127 max.
Integrated phase noise	1.5 degrees max.
Input / Output VSWR	2.5 : 1
Input / Output Impedance	75 $\Omega$ (F-Type)
LNB input	LNB0=>13V/0K , LNB1=>13V/22K (V) LNB2=>18V/0K , LNB3=>18V/22K (H)
LNB power supply	13/18V, max 400mA
DC Power consumption	20V @320 mA [ max ] V/mA (F-Type)
Working Temperature	- 34 ~ + 60 °C
Dimensions	204 x 139 x 19 (H x W x D) mm