


Duo Flex S2

Digital
Devices



- DVB-S / S2 Dual HD / SD Tuner
- HDTV H.264 / MPEG 4
- PCI Express Support
Connect via Bridge, via cine S2 or cine C/T
- Expandable Modular System
Up to 8 tuners using only 1 PCIe slot
Huge expansion potential - see next page!
- Ultra Low Profile
Full height bracket included
- DiSEqC 2.0
Bi-directional channel data support
- Unicable® SCR / CENELEC En50494
Up to 8 tuners via 1 antenna cable!
- greenIT 
Power consumption **only** ≈ 2 watts
- Multiple OS Support
Microsoft Windows® 7 MCE
Linux® supported

TECHNICAL SPECIFICATIONS

Satellite features:

- Symbol rate: up to 45Mpsps DVB-S2
- LNB Power: +14VDC or +18VDC or without power supply (up to 500mA)
- L-band: 950 Mhz to 2150 MHz
DVB FEC: (Auto Spectral Detection)
- Modulation QPSK/8PSK
- Full DiSEqC 2.X support

Standard connections:

- 20 pin ribbon cable connection to Digital Devices DVB cards & bridges
- Powered by standard 4 pin floppy connector
- L-band Input connector (supports power to the LNB)

Environmental standards:

- RoHS Conformity
- WEEE DE 99353762 (German)

Security:

- Designed and produced to European standards, German DIN EN ISO 9001:2000

Unicable® compliant:

- SCR / CENELEC En50494

Power consumption:

- PCIe compliant
- 1.8 Amps max. via 12V LNB power
- ≈ 2 watts without LNB power

System requirements:

- Dual Core Intel® or AMD® CPU
- 512 MB RAM
- 1 free PCIe slot (x1 up to x16)

Supported operating systems:

- Linux® (Kernel 2.6.34)
- Microsoft Windows Vista®
- Microsoft Windows 7 **32 and 64 Bit** (incl Windows® Media Center)

Dimensions:

- H 2,165 inches
- L 6,181 inches
- D 0,551 inches

MADE in GERMANY



DuoFlex S2

Digital
Devices



optional accessories

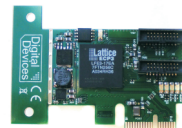
Octopus PCIe Bridge

Support for up to 4 Digital Devices DVB components = max 8 tuners (see examples below)



Octopus LE PCIe Bridge

Support for up to 2 Digital Devices DVB components = max 4 tuners (see examples below)



Octopus mini PCIe Bridge

Support for up to 4 Digital Devices DVB components = max 8 tuners (see examples below)



mini PCIe Bridge

Support for up to 2 Digital Devices DVB components = max 4 tuners (see examples below)



The Digital Devices System

Upgrade easily and powerfully - support for up to 8 mixed tuners using only 1 PCIe slot!

Dual Tuner (2 discrete tuners per card)

Simultaneously record 1 program while watching another.

Unicable® Support

Connect up to 8 tuners via one antenna cable with Unicable® / SCR / CENELEC En50494 compliant LNB or Multiswitch.

Up to 8 tuners using a single PCIe or mini PCIe slot

The Octopus PCIe or mini PCIe Bridge with DuoFlex S2 and/or DuoFlex C/T in any combination.

(see pictures on the right)

Ultra low profile

4 tuners can be mounted on 1 PCI bracket. (see pictures on the right)

CI with MTD Technology (optional)

MTD (Multi Transponder Decrypting): Decrypt 4 encrypted TV channels with only 1 CAM! View 1 encrypted program while recording up to 3 others.

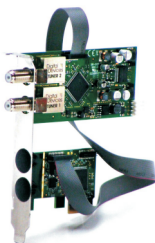
NB Not all CAMs support this feature. Compatible CAMs can be found on our website.

BIG SAVINGS!

MTD saves the extra cost of buying multiple CI cards, CAMs and Smart Cards. Only 1 Common Interface with 1 CAM and 1 Smart Card required. No need

Basic installation

1 DuoFlex S2 via
1 Octopus LE
Bridge = 2 DVB-S2



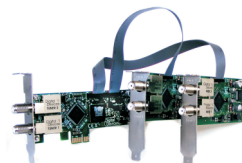
Basic installation

1 DuoFlex S2 via
1 cine S2
= 4 DVB-S2



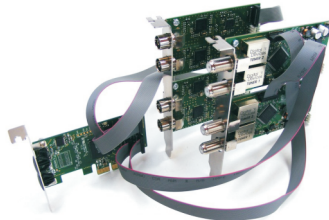
Example 1

1 DuoFlex S2 via
1 cine S2 +
1 DuoFlex S2
= 6 DVB-S2



Example 2 mixed combination:

1 Octopus Bridge +
2 DuoFlex C/T +
2 DuoFlex S2
= 4 DVB-S2 + 4 DVB C/T



Example 3 mixed combination with CI:

1 Octopus Bridge +
1 DuoFlex C/T +
2 DuoFlex S2 + 1 CI
= 4 DVB-S2 + 2 DVB-C/T + 1 CI



For more products and expansion options, visit our website:

www.digital-devices.de

