Fiber Optic Receiver
DFX-2000

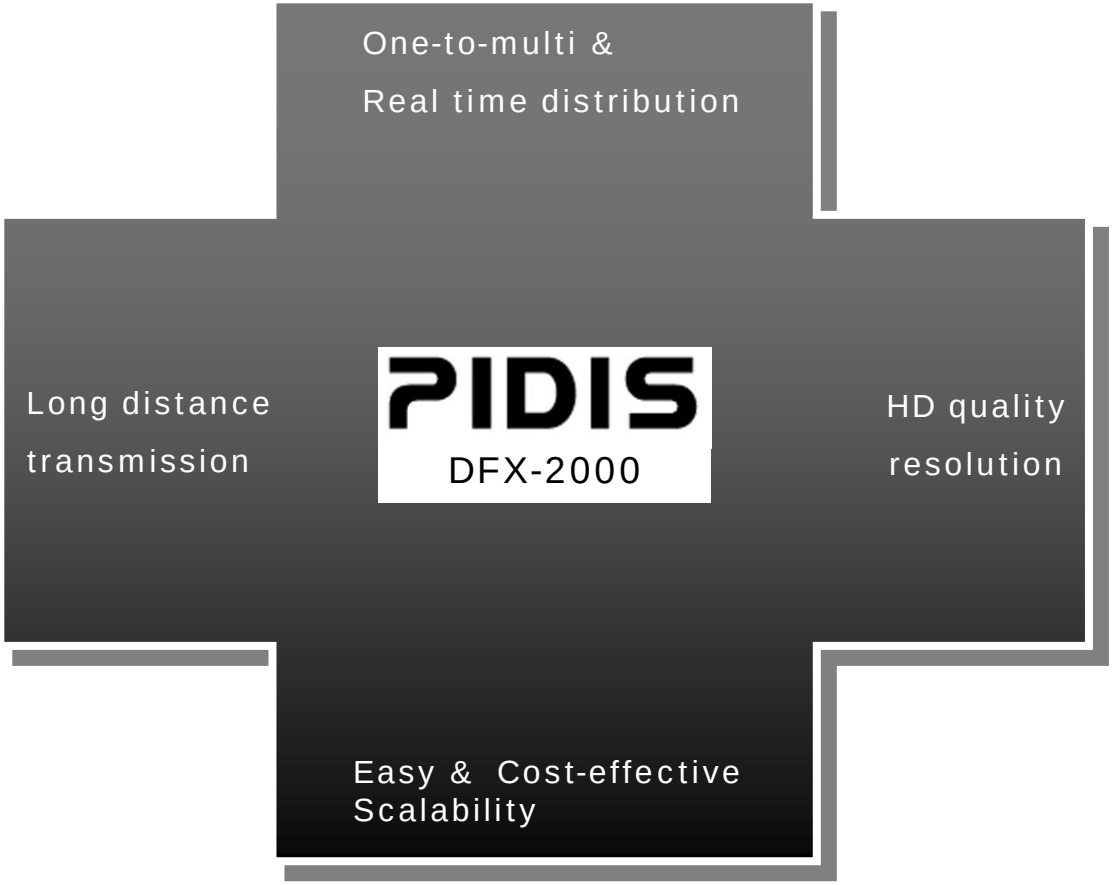
PIDIS

***D**igital & **A**nalogue **Tech**nology*

Table of Contents

1. PIDIS series

- Fiber Optic Transmitter (TX)
  - DFT-2000
  - DFT-2400
  - DFT-2800
- Fiber Optic Receiver (RX)
  - DFX-2000
- Fiber Optic Splitter
  - DFS-1400 (available from Q1 of 2008)
  - DFS-1400R (available from Q1 of 2008)
  - DFS-1800 (available from Q1 of 2008)
  - DFS-1800R (available from Q1 of 2008)
- LCD type with built-in RX & Audio
  - DFL-1xxx series (15”, 17”, 19”)
  - DFL-2xxx series (26”)
  - DFL-3xxx series (32”, 37”)
  - DFL-4xxx series (40”, 46”)
  - DFL-5700 (available from Q2 of 2008)
  - DFL-7000 (available from Q2 of 2008)
  - DFL-8200 (available from Q2 of 2008)
  - OEM/ODM (any size is available)
- PDP type with built-in RX & Audio
  - DFP-4200
  - DFP-5000
  - OEM/ODM (any size is available)



PIDIS is an abbreviation of **P**ublic **I**nformation **DIS**play

3. DFX-2000 – Main Features

- **Any size of LCD or PDP screens is available;** from smaller size to large one

  You can respond to any kinds of your customers' request on screen size.

- **Long distance delivery maintaining video quality**

  Extends up to 66,000ft(20,000m) over single fiber mode in case of one-to-one point.

  No inferiority of video quality.

- **Real-time display**

  Consumers are reluctant to give their attention to the stored-loop message/content because it's not active.

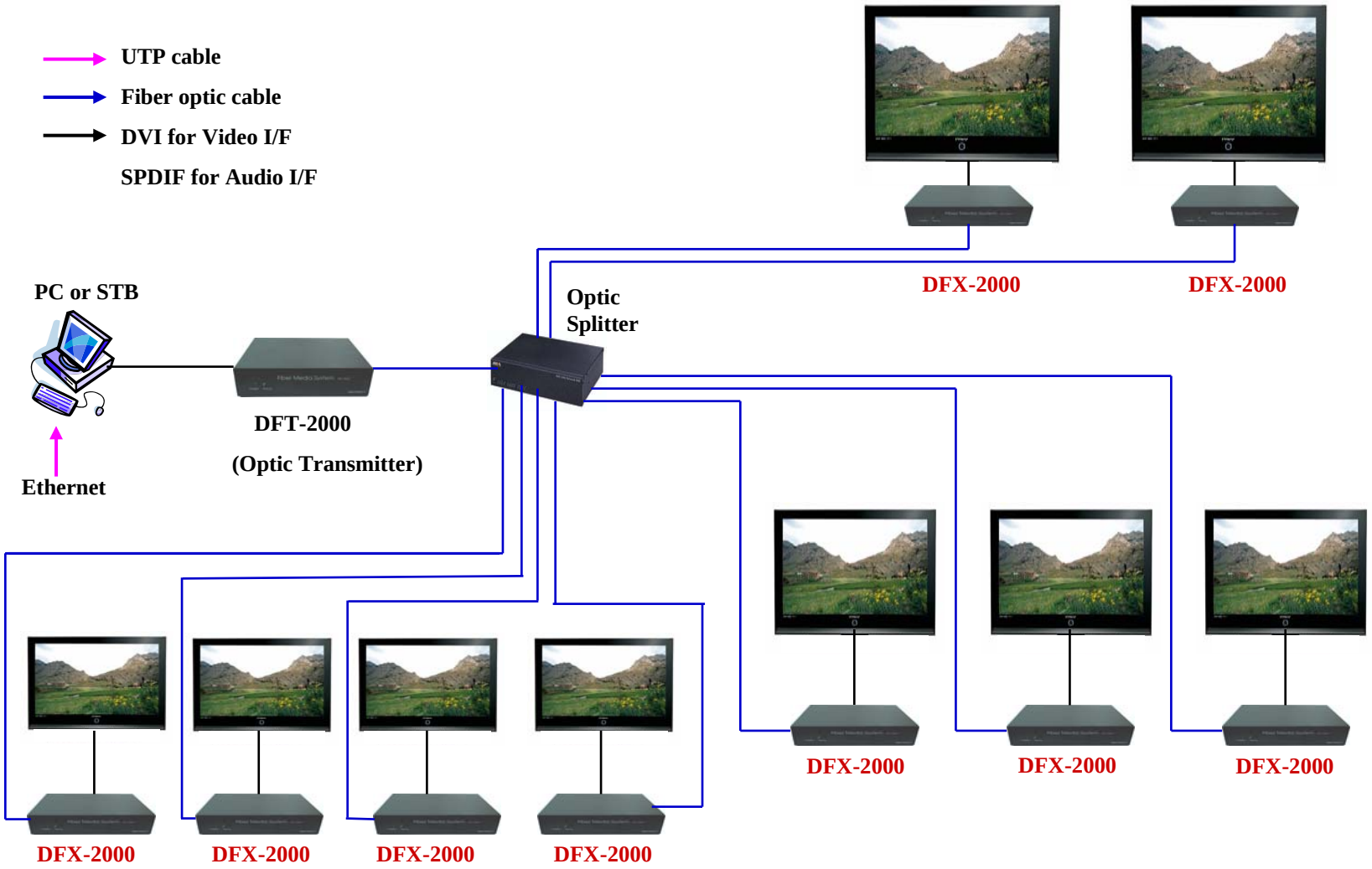
  Live and dynamic real time information, that's they really want.

- **Very low maintenance & repair cost**

  Compared with UTP (coaxial cable) solution, failure rate is very low.

  Fiber solution is not affected by electromagnetics, which is one of the main reasons of maintenance & repair.

4. DFX-2000 – Example of Typical Application



5. DFX-2000 – Technical Specifications

- Electrical Input Power
  - Voltage: DC 12V
  - Current: 0.5A
  - Power Consumption: 6Watt

- Interface Signal
  - Signal Input: Single Fiber type
  - Fiber Optical Input Connector: FC
  - Video Output: DVI
  - Video Resolution: 1024(H) x 768(V) or
    1366(H) x 768 (Optional)
  - Audio Output: SPDIF, RCA (stereo)

- Optic Spec.
  - Optical Wave Length: 1310nm
  - Fiber Input Gain: -22dB (Min)
  - Connector type: FC

- Signal Output
  - DVI Output: 1024(H) x 768(V) or
    1366 x 768 (WXGA)
  - Audio Output: SPIDF (Digital) / RCA (Analog)

- Temperature & Humidity
  - Operating Temperature: 0~45℃
  - Storage Temperature: -20~60℃
  - Operating Humidity: 10~85% at 25℃
  - Storage Humidity: 10~90%

- Dimension & Weight
  - Dimension: 165 x 120 x 40mm
  - Weight: 700g

6. DFX-2000 – Location of each component

Power on/off switch

DVI output port

SPDIF output port

External power input port

Optical input port

RCA Jack

(R) - (L)

7. Applications

Digital Signage has very large range of applications, and there's almost no limitation in its use

- Retails
- Supermarkets
- Shopping Malls
- Groceries
- Hospitality
- Healthcare
- Point of purchase advertising
- Airports
- Train / Subway Stations
- Theaters
- Corporate
- Museums / Schools
- Government etc.

DFL-1500

Elevators in apartments

DFL-4600

Theater Lobby

DFP-4200

Subway Stations Platform

Thank you very much for your kind attention

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