

DUO

DENSITRON USB OLED



***HARDWARE AND SOFTWARE
MANUAL***

GENERAL DESCRIPTION

HARDWARE FEATURES

- USB1.1 and USB2.0 compatible communication interface
- Small board size (88mm x 55mm)
- Supports OLED displays with 8bit parallel interface
- 500KByte display memory for fast display update
- Onboard switching power supply for OLED
- Maximum speed with VCP driver 300kByte/s, with D2XX driver 1MByte/s
- Hot plug and unplug detection
- Software control for OLED

SOFTWARE FUNCTIONS

- Picture download from PC in Windows BMP format (with USB06 demo software)
- Software Development functions
- Picture slide show
- Display detection
- Brightness control
- Project management
- Colour Setting
- Power saving

PARTS OF SUPPLIED SYSTEM

The supplied system contains the following:

- DUO Controller card
- Mini USB cable
- Demo software (works with VCP driver only)
- Transition cards can be ordered separately for different display types (See Below)

SYSTEM REQUIREMENTS

VCP (Virtual COM Port) drivers are available from *ftdichip.com* for the following operating systems:

- Windows 98 and Windows 98 SE
- Windows 2000 / ME / XP/Vista
- Windows CE **
- MAC OS-8 and OS-9
- MAC OS-X
- Linux 2.40 and greater

PM OLED

1. DD-128128FC-5X	Colour
2. DD-160128FC-1A	Colour
3. DD-160128FC-2A	Colour
4. DD-25664YW-1A	Yellow
5. DD-25664YW-2A	Yellow
6. DD-25664BE-1A	Blue
7. DD-12833YW-1A	Yellow
8. DD-12833BE -1A	Blue
9. DD-2832BE-2A	Blue
10. DD-12864WE-1A	White
11. DD-2864BY-2A	Blue/Yellow
12. DD-32645C-2A	5 Colour
13. DD-12864YO-1A	Yellow
14. DD-12864YO-3A	Yellow
15. DD-12864YO-5A	Yellow
16. DD-12864YO-7A	Yellow

AMOLED

1. C0201ILK-C	Full Colour
2. C0240QGLA-T	Full Colour
3. C0240QGLB-T	Full Colour
4. C0283QGLH-T	Full Colour
5. C0283QGLD-T	Full Colour

