New Features in UniOP Firmware V5.00

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1 New Features: a Reference Table

The table below describes the current status of the new features in all UniOP models with firmware version 4.40, 4.44, 5.00, 502 and 5.11.

Model	FW Type	Trends and gauges	Pop-up key pads	Variable references for Min/Max	Panel I/O	Improved font support	Recipe back-up	Ethernet TCM10	Ethernet SCM10/SCM11	Automatic firmware upgrade	Pixel and vector graphics	Dual driver communication
MD00R-02	32			x			x	x	V4.44			
MD00R-04	32			x			x	x	V4.44			
MD00G-04	32			x			x	x	V4.44			
ePAD03	52			x			x	x	x			x
ePAD04	52			x			x	x	x			
ePAD05	52			x			x	x	x			x
ePAD06	52			x			x	x	x			
MD03R-02	32			x	x		x	x	V4.44			V5.00
MD03R-04	32			x	x		x	x	V4.44			V5.00
MD02F-02	32			x			x	x	V4.44			V5.00
MD02R-04	32			x	x		x	x	V4.44			V5.00
CP01R-04	32			x			x	x	V4.44			V5.00
CP02R-04	32			x			x	x	V4.44			V5.00
CP01F-02	32			x			x	x	V4.44			V5.00
CP02F-02	32			x			x	x	V4.44			V5.00
CP04F-04	32			x			x	x	V4.44			V5.00
CP05R-04	32			x			x	x	V4.44			V5.00
CP10G-04	32			x	x		x	x	V4.44			V5.00
CP11G-04	32			x	x		x	x	V4.44			V5.00
CP12G-04	32			x	x		x	x	V4.44			V5.00
CP13G-04	32			x	x		x	x	V4.44			V5.00
EF-02	32			x			x	x	V4.44			V5.00
EF-04	32			x			x	x	V4.44			V5.00
ER-04	32			x			x	x	V4.44			V5.00
MKDF-02	32			x			x	x	V4.44			V5.00
MKDF-04	32			x			x	x	V4.44			V5.00
MKDR-04	32			x			x	x	V4.44			V5.00
MKDR-05	32			x			x	x	V4.44			V5.00
MKDG-05	32			x	x		x	x	V4.44			V5.00
MKDG-06	32			x	x		x	x	V4.44			V5.00
MKDG-07	32			x	x		x	x	V4.44			V5.00
ePALM10	32			x			x					
ER-16	33			x			x	V4.44	V4.44			V5.00
EL-16N	33			x			x	V4.44	V4.44			V5.00
ER-25	33			x			x	V4.44	V4.44			V5.00

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ER-VGA	38	x		x		x		x	V4.44			V5.00
BKDR-16	33			x			x	V4.44	V4.44			V5.00
BKDC-16	37			x			x	V4.44	V4.44			
BKDL-16	33			x			x	V4.44	V4.44			V5.00
BKDR-16T	33			x			x	V4.44	V4.44			V5.00
BKDC-16T	37			x			x	V4.44	V4.44			
BKDL-16T	33			x			x	V4.44	V4.44			V5.00
BKDR-46	38	x		x		x		x	V4.44			V5.00
BKDC-46	38	x		x		x		x	V4.44			V5.00
MKDR-16	33			x			x	V4.44	V4.44			V5.00
MKDL-16N	33			x			x	V4.44	V4.44			V5.00
MKDR-25	33			x			x	V4.44	V4.44			V5.00
MKDR-VGA	38	x		x		x		x	V4.44			V5.00
MKDC-VGA	38	x		x		x		x	V4.44			V5.00
MKDT-VGA	38	x		x		x		x	V4.44			V5.00
ERT-16	33			x			x	V4.44	V4.44			V5.00
ECT-16	37			x			x	V4.44	V4.44			
ELT-16	33			x			x	V4.44	V4.44			V5.00
ER-25T	33			x			x	V4.44	V4.44			V5.00
ERT-VGA	38	x		x		x		x	V4.44			V5.00
ECT-VGA	38	x		x		x		x	V4.44			V5.00
ETT-VGA	38	x		x		x		x	V4.44			V5.00
MKDR-VGA-T	38	x		x		x		x	V4.44			V5.00
MKDC-VGA-T	38	x		x		x		x	V4.44			V5.00
MKDT-VGA-T	38	x		x		x		x	V4.44			V5.00
ePAD30	58	x	x	x	x	x		x	V4.44	x	V5.00	V5.00
ePAD31	58	x	x	x	x	x		x	V4.44	x	V5.00	V5.00
ePAD32	58	x	x	x	x	x		x	V4.44	x	V5.00	V5.00
eTOP32R	38	x		x		x		x	X			V5.00
ePAD30T	58	x	x	x	x	x		x	V4.44	x	V5.00	V5.00
ePAD31T	58	x	x	x	x	x		x	V4.44	x	V5.00	V5.00
ePAD32T	58	x	x	x	x	x		x	V4.44	x	V5.00	V5.00
eTOP03	53			x			x	x	x			x
eTOP05	38	x		x		x		x	V4.44			V5.00
eTOP10	58	x	x	x	x	x		x	V4.44	x	V5.00	V5.00
eTOP11	38	x		x	x	x		x	V4.44			V5.00
eTOP12	38	x		x	x	x		x	V4.44			V5.00
eTOP12E	58	x	x	x	x	x		x	V4.44	x	V5.00	V5.00
eTOP30	58	x	x	x	x	x		x	V4.44	x	V5.00	V5.00
eTOP31	58	x	x	x	x	x		x	V4.44	x	V5.00	V5.00
eTOP32	58	x	x	x	x	x		x	V4.44	x	V5.00	V5.00
eTOP33	58	x	x	x	x	x		x	V4.44	x	V5.00	V5.00
eTOP39	58	x	x	x	x	x		x	X	x	V5.00	V5.00
eTOP40	58	x	x	x	x	x		x	V4.44	x	V5.00	V5.00
eTOP50	58	x	x	x	x	x		x	V4.44	x	V5.00	V5.00

2 Dual Driver

***Note**: dual driver communication requires firmware V5.00 and **hardware version enabled** for dual driver operation.*

Installing firmware version 5.00 on hardware not enabled will not allow dual driver operation.

How to recognize hardware enabled for dual-driver operation:

Firmware Type	Hardware version	
32	33B	
33	33B	
37	not enabled	
38	38B	
52	39B	
58	58A	starting from serial number 3531142 (October 2001)

***Note**: dual driver communication with two modules is a particular case that will be considered in supplementary documentation.*

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