

	UNIVERSAL W-LFI RANGE EXTENDER CUDY-RE1800 2.4 GHz, 5 GHz	UNIVERSAL W-LFI RANGE EXTENDER RG-EW1200R 2.4 GHz, 5 GHz REYEE	UNIVERSAL W-LFI RANGE EXTENDER TL-MERC-ME30 300 + 867 Mbps 2.4 GHz, 5 GHz TP-LINK / MERCUSYS	UNIVERSAL W-LFI RANGE EXTENDER TL-MERC- MW300RE 300Mbps 2.4 GHz, 5 GHz TP-LINK /MERCUSYS	UNIVERSAL W-LFI RANGE EXTENDER TL-RE190 2.4 GHz, 5 GHz TP-LINK	UNIVERSAL W-LFI RANGE EXTENDER TL-RE200 2.4 GHz, 5 GHz TP-LINK	UNIVERSAL W-LFI RANGE EXTENDER TL-RE300 2.4 GHz, 5 GHz TP-LINK	UNIVERSAL W-LFI RANGE EXTENDER TL-RE305 2.4 GHz, 5 GHz TP-LINK	UNIVERSAL W-LFI RANGE EXTENDER TL-RE450 2.4 GHz, 5 GHz TP-LINK	UNIVERSAL W-LFI RANGE EXTENDER TL-RE505X 2.4 GHz, 5 GHz TP-LINK	UNIVERSAL W-LFI RANGE EXTENDER TL-RE550 2.4 GHz, 5 GHz TP-LINK	UNIVERSAL W-LFI RANGE EXTENDER TL-RE650 2.4 GHz, 5 GHz TP-LINK	UNIVERSAL W-LFI RANGE EXTENDER TL-RE700X W- Fi 6 2.4 GHz, 5 GHz TP- LINK	UNIVERSAL W-LFI RANGE EXTENDER TL-WA850RE 300Mbps 2.4 GHz TP-LINK	REPEATER TL-WA854RE 300 Mbps	WIRELESS W-LFI BRIDGE RG-EST100-F 2.4 GHz REYEE	WIRELESS W-LFI BRIDGE RG-EST110-Y2 W-Fi 5, 5 GHz REYEE	WIRELESS W-LFI BRIDGE RG-EST150-Y2 W-Fi 5, 5 GHz REYEE	
																			
Frequency range	2.4 GHz, 5 GHz	2.4 GHz, 5 GHz	2.4 GHz, 5 GHz	2.4 GHz ... 2.5 GHz	2.4 GHz, 5 GHz	2.4 GHz, 5 GHz	2.4 GHz, 5 GHz	2.4 GHz, 5 GHz	2.4 GHz, 5 GHz	2.4 GHz, 5 GHz	2.4 GHz, 5 GHz	2.4 GHz, 5 GHz	2.4 GHz, 5 GHz	2.4 GHz ... 2.4835 GHz	2.4 GHz ... 2.4835 GHz	2.4 GHz ... 2.4835 GHz	2.4 GHz ... 2.483 GHz	5 GHz : 5.150 GHz ... 5.350 GHz , 5.470 GHz ... 5.725 GHz , 5.725 GHz ... 5.850 GHz	5 GHz : 5.150 GHz ... 5.350 GHz , 5.470 GHz ... 5.725 GHz , 5.725 GHz ... 5.850 GHz
Antenna type	2 x Omnidirectional antenna - Outdoor	2 x Omnidirectional antenna - Outdoor, 2x2 MU-MIMO	2 x Omnidirectional antenna - Outdoor	3 x Omnidirectional antenna - Outdoor	3 x Antenna Indoor	3 x Antenna Indoor	embedded	2 x Omnidirectional antenna - Outdoor	3 x Omnidirectional antenna - Outdoor	2 x Omnidirectional antenna - Outdoor	3 x Omnidirectional antenna - Outdoor	4 x Omnidirectional antenna - Outdoor	2 x Omnidirectional antenna - Indoor	2 x Antenna Indoor	2 x Antenna Outdoor	2 x Indoor	2x2 MU-MIMO	2x2 MU-MIMO	2x2 MU-MIMO
Gain	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8 dBi	10 dBi	15 dBi
Modulation type	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Polarization	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ethernet interface	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	vertical/horizontal	vertical/horizontal	vertical/horizontal
Standards	IEEE 802.11 a/b/g/n/ac/ax	IEEE 802.11 a/b/g/n/ac	IEEE 802.11 a/b/g/n/ac	IEEE 802.11 b/g/n	IEEE 802.11 a/b/g/n/ac	IEEE 802.11 b/g/n/ac	IEEE 802.11 a/b/g/n/ac	IEEE 802.11 a/b/g/n/ac	IEEE 802.11 a/b/g/n/ac	IEEE 802.11 a/b/g/n/ac	IEEE 802.11 a/b/g/n/ac	IEEE 802.11 a/b/g/n/ac	IEEE 802.11 a/b/g/n/ac	IEEE 802.11 b/g/n	IEEE 802.11 b/g/n	IEEE 802.11 b/g/n	IEEE 802.11 a/n/ac	IEEE 802.11 a/n/ac	IEEE 802.11 a/n/ac
Baud rates	• 574 Mbps @ 2.4 GHz • 1201 Mbps @ 5 GHz	• 300 Mbps @ 2.4 GHz • 867 Mbps @ 5 GHz	• 300 Mbps @ 2.4 GHz • 867 Mbps @ 5 GHz	11n : 300 Mbps 11g : 54 Mbps 11b : 11 Mbps	• 300 Mbps @ 2.4 GHz • 433 Mbps @ 5 GHz	• 300 Mbps @ 2.4 GHz • 433 Mbps @ 5 GHz	• 300 Mbps @ 2.4 GHz • 867 Mbps @ 5 GHz	• 300 Mbps @ 2.4 GHz • 867 Mbps @ 5 GHz	• 450 Mbps @ 2.4 GHz • 1300 Mbps @ 5 GHz	• 300 Mbps @ 2.4 GHz • 1200 Mbps @ 5 GHz	• 800 Mbps @ 2.4 GHz • 1300 Mbps @ 5 GHz	• 800 Mbps @ 2.4 GHz • 1733 Mbps @ 5 GHz	• 574 Mbps @ 2.4 GHz • 2402 Mbps @ 5 GHz	11n : 300 Mbps 11g : 54 Mbps 11b : 11 Mbps	300 Mbps	max. 300 Mbps	max. 867 Mbps	max. 867 Mbps	
Wireless transmission range	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	max. 500 m	max. 1 km	max. 5 km
Min. illumination	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
DDNS	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
DHCP server	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Firmware update	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Operation mode	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Operation temp. / Relative humidity	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mobile phones support	...	Android: Free application Reyee Router iOS (iPhone): Free application Reyee Router	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Android: Free application Ruijie Reyea iOS (iPhone): Free application Ruijie Reyea	Android: Free application Ruijie Reyea iOS (iPhone): Free application Ruijie Reyea	Android: Free application Ruijie Reyea iOS (iPhone): Free application Ruijie Reyea
Number of LAN ports	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Horizontal beam width (H)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Vertical beam width (V)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Receiver sensitivity	...	...	...	2.4 GHz : • 11g 54M : -78 dBm • 11a HT20 : -75 dBm • 11a HT40 : -73 dBm 5 GHz : • 11a 6M : -94 dBm • 11a 54M : -78 dBm • 11ac HT20 MCS0 : -94 dBm • 11ac HT20 MCS8 : -73 dBm • 11ac HT40 MCS0 : -91 dBm • 11ac HT40 MCS9 : -65 dBm • 11ac HT80 MCS0 : -88 dBm • 11ac HT80 MCS9 : -62 dBm	• 11g 54M -75 dBm • 11n HT20 MCS7 -73 dBm • 11n HT40 MCS7 -70 dBm	2.4 GHz : • 270 Mbps : -70dBm@10% PER • 130 Mbps : -70dBm@10% PER • 108 Mbps : -73dBm@10% PER • 54 Mbps : -75dBm@10% PER • 6 Mbps : -86dBm@8% PER • 1 Mbps : -94dBm@8% PER • 300 Mbps : -60dBm@10% PER • 180 Mbps : -64dBm@10% PER • 78 Mbps : -68dBm@10% PER • 54 Mbps : -75dBm@10% PER • 29.3 Mbps : -83dBm@10% PER • 13.5 Mbps : -87dBm@10% PER • 6.5 Mbps : -90dBm@10% PER	2.4 GHz : • 54 Mbps 11g : -79 dBm @ 10% PER • HT20 mcs7 11n : -77 dBm @ 10% PER • HT40 mcs7 11n : -74 dBm @ 10% PER 5 GHz : • 6 Mbps 11a : -91 dBm @ 10% PER • 54 Mbps 11a : -74 dBm @ 10% PER • HT20 mcs8 11ac : -68 dBm @ 10% PER • HT40 mcs9 Mbps 11ac : -63 dBm @ 10% PER • HT80 mcs9 Mbps 11ac : -59 dBm @ 10% PER	2.4 GHz : • 54 Mbps 11g : -79 dBm @ 10% PER • HT20 mcs7 11n : -77 dBm @ 10% PER • HT40 mcs7 11n : -74 dBm @ 10% PER 5 GHz : • 6 Mbps 11a : -91 dBm @ 10% PER • 54 Mbps 11a : -74 dBm @ 10% PER • HT20 mcs8 11ac : -68 dBm @ 10% PER • HT40 mcs9 Mbps 11ac : -64 dBm @ 10% PER • HT80 mcs9 Mbps 11ac : -61 dBm @ 10% PER	2.4 GHz : • 54 Mbps 11g : -77 dBm @ 10% PER • HT20 mcs7 11n : -73 dBm @ 10% PER • HT40 mcs7 11n : -72 dBm @ 10% PER 5 GHz : • 6 Mbps 11a : -93 dBm @ 10% PER • 54 Mbps 11a : -76 dBm @ 10% PER • HT20 mcs0 11ac : -92 dBm @ 10% PER • HT40 mcs0 11ac : -90 dBm @ 10% PER • HT80 mcs0 11ac : -87 dBm @ 10% PER	2.4 GHz : • 54 Mbps 11g : -77 dBm @ 10% PER • HT20 mcs7 11n : -73 dBm @ 10% PER • HT40 mcs7 11n : -72 dBm @ 10% PER 5 GHz : • 6 Mbps 11a : -93 dBm @ 10% PER • 54 Mbps 11a : -76 dBm @ 10% PER • HT20 mcs8 11ac : -68 dBm @ 10% PER • HT40 mcs9 Mbps 11ac : -64 dBm @ 10% PER • HT80 mcs9 Mbps 11ac : -61 dBm @ 10% PER	2.4 GHz : • 54 Mbps 11g : -79 dBm @ 10% PER • HT20 mcs7 11n : -77 dBm @ 10% PER • HT40 mcs7 11n : -74 dBm @ 10% PER 5 GHz : • 6 Mbps 11a : -96 dBm @ 10% PER • 54 Mbps 11a : -78 dBm @ 10% PER • HT20 mcs8 11ac : -69 dBm @ 10% PER • HT40 mcs9 Mbps 11ac : -66 dBm @ 10% PER • HT80 mcs9 Mbps 11ac : -63 dBm @ 10% PER	2.4 GHz : • 6 Mbps 11g : -96 dBm • 54 Mbps 11g : -78 dBm • 11ax HE20 MCS0 : 96 dBm • 11ax HE20 MCS11 : -65 dBm • 11ax HE40 MCS0 : 93 dBm • 11ax HE40 MCS11 : -63 dBm 5 GHz : • 6 Mbps 11a : -97 dBm • 54 Mbps 11a : -78 dBm • 11ax HE20 MCS0 : 97 dBm • 11ax HE20 MCS11 : -66 dBm • 11ax HE40 MCS0 : 94 dBm • 11ax HE40 MCS11 : -63 dBm • 11ax HE80 MCS0 : 91 dBm • 11ax HE80 MCS11 : -61 dBm • 11ax HE160 MCS11 : -59 dBm	• 270M: -68dBm@10% PER • 130M: -68dBm@10% PER • 108M: -68dBm@10% PER • 54M: -88dBm@10% PER • 11M: -85dBm@8% PER • 6M: -88dBm@10% PER • 1M: -90dBm@8% PER	• 270M: -68dBm@10% PER • 130M: -68dBm@10% PER • 108M: -68dBm@10% PER • 54M: -88dBm@10% PER • 11M: -88dBm@8% PER • 6M: -68dBm@10% PER • 1M: -68dBm@8% PER	...	...			
Housing	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Overvoltage protection	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
LED indicators	Wi-Fi - Signal indicator, WFS, Power	Wi-Fi - Signal indicator, System	Wi-Fi - Signal indicator	WiFi - Signal indicator	5 GHz, 2.4 GHz, WLAN, Power, Signal indicator	5 GHz, 2.4 GHz, WLAN, LAN, Power, Signal indicator	5 GHz, 2.4 GHz, Power, Wi- Fi - Signal indicator	5 GHz, 2.4 GHz, Power, Wi- Fi - Signal indicator	5 GHz, 2.4 GHz, Power, Wi- Fi - Signal indicator	5 GHz, 2.4 GHz, Power, Wi- Fi - Signal indicator	5 GHz, 2.4 GHz, Power, Wi- Fi - Signal indicator	5 GHz, 2.4 GHz, Power, Wi- Fi - Signal indicator	5 GHz, 2.4 GHz, Power, Wi- Fi - Signal indicator	Range Extender, WLAN, Power, LAN, Signal indicator	Signal, Power	RE Wireless Power The strength of receiving signal of the wireless network	...	...	
QSS	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Operation modes	• Range Extender - signal amplifier • Access Point - Access Point mode	• Range Extender - signal amplifier • Access Point - Access Point mode • WISP • WPS	• Range Extender - signal amplifier • Access Point - Access Point mode	Range Extender - signal amplifier	Range Extender - signal amplifier	Range Extender - signal amplifier	Range Extender - signal amplifier	• Range Extender - signal amplifier • Access Point - Access Point mode	• Range Extender - signal amplifier • Access Point - Access Point mode	• Range Extender - signal amplifier • Access Point - Access Point mode	• Range Extender - signal amplifier • Access Point - Access Point mode	• Range Extender - signal amplifier • Access Point - Access Point mode	• Range Extender - signal amplifier • Access Point - Access Point mode	Range Extender - signal amplifier	...	Bridge (Point-to-Point)	Bridge (Point-to-Point), Station (Point-to-Multipoint)	Bridge (Point-to-Point), Station (Point-to-Multipoint)	
Protections	WPA-PSK/WPA2-PSK, OPEN	WPA/WPA2	WPA-PSK/WPA2-PSK	WPA/WPA2, WPA- PSK/WPA2-PSK	WEP, WPA/WPA2-PSK	64/128/152-bit WEP, WPA- PSK/WPA2-PSK	64/128-bit WEP, WPA/WPA- PSK2	64/128-bit WEP, WPA/WPA- PSK2	64/128-bit WEP, WPA/WPA- PSK2	64/128-bit WEP, WPA/WPA- PSK2	64/128-bit WEP, WPA/WPA- PSK2	64/128-bit WEP, WPA/WPA- PSK2	64/128-bit WEP, WPA/WPA- PSK2	WEP, WPA, WPA2, WPA3	64/128/152-bit WEP, WPA- PSK/WPA2-PSK	WEP 64/128-bit, WPA/WPA2, WPA/WPA2-PSK	WPA-PSK, WPA2-PSK, WPA/WPA2-PSK	WPA-PSK, WPA2-PSK, WPA/WPA2-PSK	
Memory	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
LAN ports	1 x (RJ45) 10/100/1000 Mbps - Ethernet	1 x (RJ45) 10/100 Mb - Ethernet	1 x (RJ45) 10/100 Mb - Fast Ethernet	---	---	1 x 10/100Mb	---	1 x (RJ45) 10/100 Mb - Ethernet	1 x (RJ45) 10/100/1000 Mbps - Ethernet	1 x (RJ45) 10/100 Mb - Ethernet	1 x (RJ45) 10/100/1000 Mbps - Ethernet	1 x (RJ45) 10/100/1000 Mbps - Ethernet	1 x (RJ45) 10/100/1000 Mbps - Ethernet	1 x (RJ45) 10/100/1000 Mbps - Ethernet	1 x 10/100Mb	...	• 1 x 10/100Mb LAN 1 + Passive PoE • 1 x 10/100Mb LAN 2	• 1 x 10/100Mb LAN 1 + Passive PoE • 1 x 10/100/1000 Base-T LAN 1	
Management interface	Web browser	Web browser Configuration using the Reyee Router application	Web browser	Web browser	Web browser, Tether application	Web browser	Web browser, Tether application	Web browser, Tether application	Web browser, Tether application	Web browser, Tether application	Web browser, Tether application	Web browser, Tether application	Web browser, Tether application	Web browser, TP-LINK Tether	Web browser, TP-LINK Tether	Web browser	Web browser, Ruijie Cloud Central Management System Configuration using the Ruijie Reyee application	Web browser, Ruijie Cloud Central Management System Configuration using the Ruijie Reyee application	Web browser, Ruijie Cloud Central Management System Configuration using the Ruijie Reyee application
Transmitter power	...	≤ 20 dBm @ 2.4 GHz ≤ 27 dBm @ 5 GHz	< 20 dBm (EIRP) @ 2.4 GHz < 20 dBm (EIRP) @ 5 GHz	< 20 dBm (EIRP)	≤ 20 dBm (EIRP)	< 20 dBm (EIRP)	≤ 20 dBm @ 2.4 GHz ≤ 30 dBm @ 5 GHz	< 17 dBm @ 2.4 GHz < 17 dBm @ 5 GHz	• < 20 dBm @ 2.4 GHz • < 23 dBm @ 5 GHz	< 17 dBm @ 2.4 GHz < 17 dBm @ 5 GHz	• < 20 dBm @ 2.4 GHz • < 23 dBm @ 5 GHz	< 17 dBm @ 2.4 GHz < 23 dBm @ 5 GHz	• < 20 dBm @ 2.4 GHz • < 23 dBm @ 5 GHz	• < 16 dBm @ 2.4 GHz • < 21 dBm @ 5 GHz	< 20 dBm (EIRP)	< 20 dBm (EIRP)	< 20 dBm	max. 20 dBm	max. 26 dBm

DELTA-OPTI Monika Matysiak / VAT:PL5251295225 / 60-713 Poznań, ul. Graniczna 10
Tel:+48 61 864 69 60 / GSM:+48 607 60 11 66 / Fax:+48 61 864 69 65 / e-mail: info@delta.poznan.pl
Monday-Friday: 8.00-19.00 / Saturday: 8.00-14.00

