

## Optec QuickSync / DirectSync motor for FocusLynx vs. New Quicksync / DirectSync "X" Series with ThirdLynx

	<i>Original DirectSync &amp; QuickSync motors</i>	<i>New "X" Series DirectSync &amp; QuickSync motor</i>	
<i>Best-in-Class clutch mechanism Control System</i>	Yes FocusLynx Dual-Focuser hub (required)	Yes ThirdLynx Integrated Controller (All-in_one)	
<i>Connector</i>	RJ45 socket	USB B socket and 2.5x5.5mm power plug	
<i>Connectivity to control computer</i>			
<i>Serial connection</i>	Yes	Yes*	<i>*serial with USB/CDC</i>
<i>USB</i>	Yes*	Yes	<i>*using USB/Serial cable</i>
<i>Network</i>	Yes	No	
<i>WiFi</i>	Yes*	No	<i>*optional WiFi kit</i>
<i>Hand Control option</i>	Yes	No	
<i>Power Supply</i>	powered by FocusLynx hub	12VDC power required (included in package)	<i>ThirdLynx motors require an external 12VDC power source</i>
<i>ASCOM driver</i>	Yes	Yes	<i>Both use FocusLynx drivers</i>
<i>ALPACA cross-platform driver</i>	Coming soon.	Coming soon.	
<i>TheSkyX X2 driver</i>	Yes	Yes	
<i>INDI support</i>	Yes	Yes	
<i>Stepper motor</i>	Nippon 25mm bi-polar motor	Nippon 25mm bi-polar motor	
<i>Step resolution</i>	approx. 1 micron / step	approx. 1 micron / step	
<i>Overall size (diameter)</i>	48mm (FT40)	48mm (FTX40)	<i>widest part of clamp</i>
<i>Motor length</i>	87mm (FT40)	93mm (FTX40)	
<i>Weight</i>	175g (FT40)	185g (FTX40)	



199 Smith Street · Lowell, Michigan 49331 · U.S.A.  
 Telephone: 616-897-9351 · Fax: (616) 897-8229 · Toll Free: 888-488-0381  
[sales@optecinc.com](mailto:sales@optecinc.com) · <http://www.optecinc.com> · [www.optecinc.us](http://www.optecinc.us)

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<i>Telescope Focuser Compatibility</i>	<i>Original DirectSync &amp; QuickSync motors (REQUIRES FocusLynx hub)</i>	<i>New "X" Series DirectSync &amp; QuickSync motor (Integrated ThirdLynx Controller)</i>
Takahashi MEF dual-speed focuser	# <a href="#">19765</a> – QuickSync MEF motor	#19965 – QuickSync TKX motor
FeatherTouch FTF20xx series Crayford focusers	# <a href="#">19771</a> – QuickSync FT20 motor	#19971 – QuickSync FTX20 motor
FeatherTouch FTF20xx series Rack& Pinion focusers	# <a href="#">19770</a> – QuickSync FT20R motor	#19970 – QuickSync FTX20R motor
FeatherTouch FTF27xx, FTF30xx series focusers	# <a href="#">19772</a> – QuickSync FT30 motor	#19972 – QuickSync FTX30 motor
FeatherTouch FTF3545 series focusers	# <a href="#">19773</a> – QuickSync FT40 motor	#19973 – QuickSync FTX40 motor
Meade ACF f/8 built-in "reverse Crayford"	# <a href="#">19775</a> – DirectSync ACF motor	#19975 – DirectSync ACF-X motor
Import Apochromat focuser (see list)	# <a href="#">19776</a> – DirectSync APO motor	#19976 – DirectSync APOX motor
Stellarvue 2-1/2" and 3" focusers	# <a href="#">19778</a> – DirectSync SV motor	#19978 – DirectSync SVX30 motor
Third-Planet Optics focuser	#19779 – DirectSync TPO motor	#19979 – DirectSync TPO-X motor
Stellarvue 3-1/2" focuser	#19780 – DirectSync SV35 motor	#19980 – DirectSync SVX35 motor
Explore Scientific 2-1/2" Hex focuser	# <a href="#">19782</a> – DirectSync ES25 motor	#19982 – DirectSync ESX25 motor
Explore Scientific 3" Hex focuser	# <a href="#">19783</a> – DirectSync ES30 motor	#19983 – DirectSync ESX30 motor
Celestron RASA 8" native focuser	n/a	#19984 – DirectSync CRX8 motor
SkyWather Esprit 80 focuser	# <a href="#">19787</a> – DirectSync SW25 motor	n/a
SkyWatcher Esprit 100, 120, 150 focusre	# <a href="#">19788</a> – DirectSync SW30 motor	#19988 – DirectSync SWX30 motor



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