

## NuPython Counter缺失指令對照

缺失	Python新增對應index值
IPv4 Fragment	IDX_PORTCOUNTER_RX_IPV4FRAGMENT
IPv4 Extension	IDX_PORTCOUNTER_RX_IPV4EXTENSION
Tx ICMP Request	IDX_PORTCOUNTER_TX_ICMP_REQUEST
Tx ICMP Reply	IDX_PORTCOUNTER_TX_ICMP_REPLY
Rx ICMP Request	IDX_PORTCOUNTER_RX_ICMP_REQUEST
Rx ICMP Reply	IDX_PORTCOUNTER_RX_ICMP_REPLY
Tx ARP Request	IDX_PORTCOUNTER_TX_ARP_REQUEST
Tx ARP Reply	IDX_PORTCOUNTER_TX_ARP_REPLY
Rx ARP Request	IDX_PORTCOUNTER_RX_ARP_REQUEST
Rx ARP Reply	IDX_PORTCOUNTER_RX_ARP_REPLY
SDFR_DA	IDX_PORTCOUNTER_SDFR_DA
SDFR_SA	IDX_PORTCOUNTER_SDFR_SA
SDFR_VID	IDX_PORTCOUNTER_SDFR_VID
SDFR_VIDQinQ	IDX_PORTCOUNTER_SDFR_VID_QINQ
SDFR_MPLS	IDX_PORTCOUNTER_SDFR_MPLS
SDFR_SIP	IDX_PORTCOUNTER_SDFR_SIP
SDFR_DIP	IDX_PORTCOUNTER_SDFR_DIP
SDFR_SP	IDX_PORTCOUNTER_SDFR_SP
SDFR_DP	IDX_PORTCOUNTER_SDFR_DP
SDFR_Xtag	IDX_PORTCOUNTER_SDFR_XTAG
SDFR_UDF	IDX_PORTCOUNTER_SDFR_UDF
SDFR_MAC	IDX_PORTCOUNTER_SDFR_MAC
APMPT_MAC	IDX_PORTCOUNTER_SDFR_APMPT
SDFR_DA2	IDX_PORTCOUNTER_SDFR_DA2
SDFR_SA2	IDX_PORTCOUNTER_SDFR_SA2

缺失	Python新增對應index值
SDFR_VID2	IDX_PORTCOUNTER_SDFR_VID2
SDFR_SIPv6	IDX_PORTCOUNTER_SDFR_SIPV6
SDFR_DIPv6	IDX_PORTCOUNTER_SDFR_DIPV6
SDFR_IPv6	IDX_PORTCOUNTER_SDFR_IPV6
SDFR_ICMPv6	IDX_PORTCOUNTER_SDFR_ICMPV6
SDFR_IGMP	IDX_PORTCOUNTER_SDFR_IGMP
Tx Late Collision	IDX_PORTCOUNTER_TX_COL_LATE
Rx Pause	IDX_PORTCOUNTER_RX_PAUSE
BERT Error	IDX_PORTCOUNTER_RX_BERT_ERR
Tx Line Rate	換算 - IDX_PORTCOUNTER_TX_RATE_BYTE 乘上 8 即可得知
Tx Utilization	換算 - (Line Rate / Speed)*100%即可得知
Rx Line Rate	換算 - IDX_PORTCOUNTER_RX_RATE_BYTE 乘上 8 即可得知
Rx Utilization	換算 - (Line Rate / Speed)*100%即可得知
Layer 2 Packets	這部分不會添加，因為要有限定特殊條件，適用於對接，已知Tx端口的包長，包型態，內容等，透過軟體運算才能得知。