

	WMG-828GEP	WMG-828GEPAD	WMG-821GEP	WMG-821GEPAD
<b>Supported modules</b>				
SFP Gigabit Ethernet	●	●	–	–
SFP Fast Ethernet	●	●	–	–
<b>Number of Ports</b>				
Maximum Number of Ports	10	10	10	10
Gigabit 10/100/1000Mbps	8	8	10	10
Fast Ethernet 10/100Mbps	–	–	–	–
SFP port 1000Mbps	–	–	–	–
SFP port 100/1000Mbps	2	2	–	–
<b>Power Input</b>				
12/24/48VDC	●	●	●	●
110/220VAC (88–264VAC)	–	●	–	●
<b>Enclosure &amp; Installation</b>				
IP rating	IP67	IP67	IP67	IP67
Connector Type	M12	M12	M12	M12
Wall mounting	●	●	●	●
<b>Supported Operating Temperature</b>				
-40 to 80°C	●	●	●	●
<b>Redundancy &amp; Back-up</b>				
Direct-Ring	●	●	●	●
Direct-Chain	●	●	●	●
Join-Ring	●	●	●	●
Multiple Direct-Ring	●	●	●	●
STP/RSTP	●	●	●	●
MSTP	●	●	●	●
ITU-T G.8032 ERPS	●	●	●	●
Bypass Relay	–	–	●	●
<b>Network Management</b>				
PoE Management	–	–	–	–
IEEE 1588 PTP V2	●	●	●	●
Port Trunking/LACP	●	●	●	●
VLAN/GVRP/MVR	●	●	●	●
QoS	●	●	●	●
IGMP/MLD Snooping	●	●	●	●
DHCP Option 82	●	●	●	●
SNMP/RMON	●	●	●	●
LLDP	●	●	●	●
Port Security	●	●	●	●
IP Source Guard	●	●	●	●
ARP Inspection	●	●	●	●
Port & MAC based Authentication (IEEE 802.1X)	●	●	●	●
RADIUS / TACACS+ 3.0	●	●	●	●
ACL (Access Control Lists)	●	●	●	●
HTTPS / SSL / SSH V2	●	●	●	●
IPv6	●	●	●	●
Alarm Relay	●	●	●	●
<b>Standards &amp; Approvals</b>				
CE/FCC	●	●	●	●
UL 60950-1	●	●	●	●
EN 50155	●	●	●	●
EN 50121-4	●	●	●	●
EN 61000-4-2	●	●	●	●
EN 61000-4-4	●	●	●	●

	WMG-821EPAT	WMG-828EPAT	WMG-821GEPAT	WMG-828GEPAT
<b>Supported modules</b>				
SFP Gigabit Ethernet	–	●	–	●
SFP Fast Ethernet	–	●	–	●
<b>Number of Ports</b>				
Maximum Number of Ports	10	10	10	10
Gigabit 10/100/1000Mbps	2	–	2	–
PoE, Gigabit 10/100/1000Mbps	–	–	8	8
PoE, Fast Ethernet 10/100Mbps	8	8	–	–
SFP port 1000Mbps	–	–	–	–
SFP port 100/1000Mbps	–	2	–	2
<b>Power Input</b>				
24/48VDC	●	●	●	●
Power Budget	180W	180W	180W	180W
PoE Technology Supported	PoE/PoE+	PoE/PoE+	PoE/PoE+	PoE/PoE+
<b>Enclosure &amp; Installation</b>				
IP rating	IP67	IP67	IP67	IP67
Connector Type	M12	M12	M12	M12
Wall mounting	●	●	●	●
<b>Supported Operating Temperature</b>				
-40 to 80°C	●	●	●	●
<b>Redundancy &amp; Back-up</b>				
Direct-Ring	●	●	●	●
Direct-Chain	●	●	●	●
Join-Ring	●	●	●	●
Multiple Direct-Ring	●	●	●	●
STP/RSTP	●	●	●	●
MSTP	●	●	●	●
ITU-T G.8032 ERPS	●	●	●	●
Bypass Relay	●	–	●	–
<b>Network Management</b>				
PoE Management	●	●	●	●
IEEE 1588 PTP V2	●	●	●	●
Port Trunking/LACP	●	●	●	●
VLAN/GVRP/MVR	●	●	●	●
QoS	●	●	●	●
IGMP/MLD Snooping	●	●	●	●
DHCP Option 82	●	●	●	●
SNMP/RMON	●	●	●	●
LLDP	●	●	●	●
Port Security	●	●	●	●
IP Source Guard	●	●	●	●
ARP Inspection	●	●	●	●
Port & MAC based Authentication (IEEE 802.1X)	●	●	●	●
RADIUS / TACACS+ 3.0	●	●	●	●
ACL (Access Control Lists)	●	●	●	●
HTTPS / SSL / SSH V2	●	●	●	●
IPv6	●	●	●	●
Alarm Relay	●	●	●	●
<b>Standards &amp; Approvals</b>				
CE/FCC	●	●	●	●
UL 60950-1	●	●	●	●
EN 50155	●	●	●	●
EN 50121-4	●	●	●	●
EN 61000-4-2	●	●	●	●
EN 61000-4-4	●	●	●	●

	WMG-828EP	WMG-828EPAD	WMG-821EP	WMG-821EPAD
<b>Supported modules</b>				
SFP Gigabit Ethernet	●	●	–	–
SFP Fast Ethernet	●	●	–	–
<b>Number of Ports</b>				
Maximum Number of Ports	10	10	10	10
Gigabit 10/100/1000Mbps	–	–	2	2
Fast Ethernet 10/100Mbps	8	8	8	8
SFP port 1000Mbps	–	–	–	–
SFP port 100/1000Mbps	2	2	–	–
<b>Power Input</b>				
24/48VDC	–	–	–	–
12/24/48VDC	●	●	●	●
110/220VAC (88–264VAC)	–	●	–	●
<b>Enclosure &amp; Installation</b>				
IP rating	IP67	IP67	IP67	IP67
Connector Type	M12	M12	M12	M12
Wall mounting	●	●	●	●
<b>Supported Operating Temperature</b>				
-40 to 80°C	●	●	●	●
<b>Redundancy &amp; Back-up</b>				
Direct-Ring	●	●	●	●
Direct-Chain	●	●	●	●
Join-Ring	●	●	●	●
Multiple Direct-Ring	●	●	●	●
STP/RSTP	●	●	●	●
MSTP	●	●	●	●
ITU-T G.8032 ERPS	●	●	●	●
Bypass Relay	–	–	●	●
<b>Network Management</b>				
PoE Management	–	–	–	–
IEEE 1588 PTP V2	●	●	●	●
Port Trunking/LACP	●	●	●	●
VLAN/GVRP/MVR	●	●	●	●
QoS	●	●	●	●
IGMP/MLD Snooping	●	●	●	●
DHCP Option 82	●	●	●	●
SNMP/RMON	●	●	●	●
LLDP	●	●	●	●
Port Security	●	●	●	●
IP Source Guard	●	●	●	●
ARP Inspection	●	●	●	●
Port & MAC based Authentication (IEEE 802.1X)	●	●	●	●
RADIUS / TACACS+ 3.0	●	●	●	●
ACL (Access Control Lists)	●	●	●	●
HTTPS / SSL / SSH V2	●	●	●	●
IPv6	●	●	●	●
Alarm Relay	●	●	●	●
<b>Standards &amp; Approvals</b>				
CE/FCC	●	●	●	●
UL 60950-1	●	●	●	●
EN 50155	●	●	●	●
EN 50121-4	●	●	●	●
EN 61000-4-2	●	●	●	●
EN 61000-4-4	●	●	●	●

	WUE-500E	WUE-800E	WUE-800EAT
<b>Number of Ports</b>			
Maximum Number of Ports	5	8	8
Gigabit 10/100/1000Mbps	–	–	–
Fast Ethernet 10/100Mbps	5	8	–
PoE, Fast Ethernet 10/100Mbps	–	–	8
Bypass Relay	●	●	–
<b>Power Input</b>			
24/48VDC	–	–	●
12/24/48VDC	●	●	–
Power Budget	–	–	180W
PoE Technology Supported	–	–	PoE/PoE+
<b>Installation Options</b>			
IP rating	IP67	IP67	IP67
Connector Type	M12	M12	M12
DIN-Rail / Wall mounting	●	●	●
<b>Supported Operating Temperature</b>			
-40 to 80°C	●	●	●
<b>Standards &amp; Approvals</b>			
CE/FCC	●	●	●
EN 50155	●	●	●
EN 50121-4	●	●	●
EN 61000-6-2	●	●	●
EN 61000-6-4	●	●	●