

PCM INTEGRATED ACCESS DEVICE DATASHEET



PCM integrated access device can realizes phone, Ethernet, RS485/RS232, V.35 over fiber at the speed of 4.096Mbps. They are mainly used in public security, military, water conservancy, electric power, oil field etc.

Technical Parameters

Device construct	1U 19 inch. Compact and good appearance
Main Feature	4 slots to offer flexible services according to customer's requirement.
Optical	Default: FC, dual fiber, single mode, 40km.
	Optical module optional according to customer's requirement.
	Rate: 4.096Mbps
Phone	Maximum 30 channel phone can be offered
	Impedance: $200\Omega + 680\Omega \parallel 0.1\mu F$
	Frequency character: 300-3400Hz (-0.6~+3dB)
	Weighted noise: $\leq -65\text{dBmop}$
	Interface loop resistance: $\leq 1800\Omega$
Ethernet	Maximum 4 Ethernet
	Bandwidth: NX64Kbps, N=1-30
	MAC address list capability: 1024
	MAC address list aging time: 5 minutes
	Frame length: 64byte~2024byte

	VLAN: support VLAN transparent transmission
RS232	Maximum 16 channel RS232
	Transmitting output voltage: $\pm 15V$
	Receiving input voltage: $\pm 15V$
	The maximum rate of transmitting and receiving: 38.4Kbps
RS485	Maximum 16 channel RS485
	Receiver input sensitivity: maximum $\pm 200mV$
	Receiver output current, IO: $\pm 10mA$
	The maximum rate of transmitting and receiving: 38.4Kbps
V.35	Maximum one V.35 available
	Interface: DCE
	Interface type: DB25
	Rate: NX64Kbps, N=1-30
EM phone	Maximum 8 channel
	2 wire EM or 4 wire EM optional
magneto phone	Maximum 30 channel
Indicator light	DC-POWER and AC-POWER for power
	NOP, OOF for optical
	1-8 indicator light for phone
	LINK, FDX, BT for Ethernet
	TX1-TX4, RX1-RX4 for RS485/RS232 data
	RD,TD for V.35
Power	AC220V or DC48V optional for more than 16 channel phone
	AC and DC double power available for less than 16 channel phone
	Power consumption $\leq 30W$
Environment	Working temperature: 0 ~ 70℃
	Relative humidity: $\leq 90\%(25^{\circ}C)$